

The 50 MHz DX Bulletin

Volume 8, Issue 8

August 1997

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezysri.com. The bulletin may be freely quoted, provided that credit is given.

WA5QCP on the Solar Cycle

It appears that Sunspot Cycle 23 is going nowhere. After beginning to rise, it is now in a slump that began over a month ago (this was written July 7). Could the minimum still be ahead? I hope we are not headed into another "Maunder minimum" like they had from 1645 to 1715. In his book *The Sun as a Star*, p. 91, Roger J. Taylor says "... with something like a Maunder minimum occurring typically every 200 years but a significant variation in the spacing." In *Exploring the Sun*, Karl Hufbauer shows on p. 276 a graph from carbon-14 data that only has 9 such minima in 5000 years. A similar graph on p. 220 of *The Sun, Our Star* by Robert W. Noyes covers 7000+ years with 12 such minima. These last two would have such a minimum no less than 550 years, on average.

I hope something improves propagation on our band before the commercial interests decide it is only good for line-of-sight communications and want to grab it. It appears that such propagation is considered by them to be "interference" and that helps to keep them at bay.

Anyone work Roatan Is.?

Received too late to help our readers. HR6/CX3CE, HR6/CX4CR and HR6/CX3AN are supposed to be on Roatan Island (IOTA NA-057) from August 23 to September 3 with all HF bands (including WARC) and 6 meters. QSL via CX3CE, Box 244, Montevideo 11000, URUGUAY.

Evaluation of 50 MHz Transceivers

Sam Goda, WA6JRA, sends the following update to his 4/12/96 evaluation (Published in September 1996 Bulletin).

1. After studying the current models, none of the older & newer 6m sets merit a scale = 3 for serious 6m DXing.
2. Reduced the 6m scale of the IC-575H from 2 to 1, IC-736 from 3 to 2, JST-245 from 3 to 2, with all others remaining the same.
3. In newer sets, Icom IC-756 (scale = 2 because the receiver lacks sensitivity & poor S-meter calibration), Yaesu FT-920 (scale = 2, however the FT-920 is prone to "Yaesu Sound" by operator errors. Thus the scale can vary from 2 to 00); Kenwood TS-570S (scale = 2).

However, please note that most all 6m sets are acceptable for casual-average-not serious 6m work.

Comments re: Another Band Plan

Several proposals to establish an International DX Window in the lower portion of the 50 MHz band have been tossed around since the end of cycle 20 and the incredible problems encountered with cycle 21.

In an attempt to unclutter the low end of the band, 50.2 MHz was designated as the 'Domestic SSB Calling Frequency' in the ARRL '6 Meter Band Plan'. Unfortunately this did not work

A. First of all, we should immediately avoid the use of 50.100 to 50.120 for 'domestic' purposes. This includes scatter work, mobiling, grid squaring, contests, general rag chewing, etc.

B. We should adhere to this plan at all times, whether we think the band is open or not! This applied to all forms of propagation as well, be it "E", "back scatter", "Aurora", "T/E", etc. and not just "F2".

C. We should use 50.110 for calling 'CQ DX' only!

D. We should use 50.125 and above for all domestic types of operation, including those described above in 'A.'

E. We should keep our DX QSOs in the window as short as possible, thus allowing everyone an opportunity to work the DX station.

F. If we want to 'rag chew' with a DX station, we should move them out of the DX Window!

G. Here on the West Coast, we should avoid running JAs, VKs & ZLs in the DX Window. Similarly, East Coast stations should avoid the same with European stations, etc.

H. If we call 'CQ' in the DX Window and a 'domestic' station responds, we should immediately move out of the DX Window.

I. Finally, we should politely inform others (but not in the DX Window) about the band plan and request their support of the plan.

Six meters is a **Magical Band!** . . . and we are only just being teased by the possibilities of cycle 22. This is a **BIG** band . . . 4 MHz wide! Giving up 20 kHz at the low end of the band is not going to impact any of us significantly! 50.125 MHz as a new Domestic Calling Frequency is a reasonable compromise. This really is one of the **last frontiers** of Amateur Radio. A comprehensive band plan, established by responsible amateurs, will enhance the band now and for many solar cycles to come.

How about it? Can I count on your support of this band plan? Let's start now and together we can make a difference!

Thanks in advance for your support! Your constructive comments are welcomed. C U on 6!

BOB MAGNANI - K6QXY (Received September 8, 1988)

June-August 97 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's columns *World VHF News* in **FIVE NINE** and *V, UHF DX Topics* in **MOBIL HAM**, GJ4ICD's *Internet Six News* (marked with #), G4UPS, VK3OT, VE7SKA, YO7VS, SM7FJE, EH8BPX, K6QXY, WB7QBS, XE2HWB, KM1E, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1997. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station.

Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned, H=heard only.

Reports of Africa

CANARY IS.

07121302 EH8BPX IL18 > JO65ML W SM7FJE
07151028 EH8BPX IL18 > JO66 SM7AED

CEUTA & MELILLA

07141040 EH9IB IM85 > JO66 SM7AED
07160915 EH9IB 55 > IO80JV H G4UPS
07241906 EH9IB 58->59+ WKG G > IO80 H G4UPS

EGYPT

06030812 SU1ER 59/56 KM74 > KM14 S YO7VS

MADEIRA IS.

07092030 GT3HE 55/53 IM12OP 50.20 S EH8BPX
07130740 CT3FT IM13 > JO66 SM7AED
07130802 CT3FT IM13 > JO65ML W SM7FJE
07141058 CT3FT 57 > IO80JV H G4UPS
07151042 CT3HF IM12 > JO66 SM7AED
07161523 CT3FT 59/59 IM13 50.20 S EH8BPX

MOROCCO

07021847 CM8LY WKG F > IO80JV H G4UPS
07031830 CM8LY 55-1858 > IO80JV H G4UPS
07141339 CM8LY 59/59 IM64 SAID > IO80 S G4UPS
07141920 CM8LY IM64 > JO66 SM7AED

Reports of Asia (MidEast)

CYPRUS

06011022 5B4JE 59/59 KM64MJ > KM14 S YO7VS
06101559 5B4/DP2UU 599/599 KM64>KM14 C YO7VS
06180557 5B4/DP2UU 59/59 KM64 > KM14 S YO7VS
06181418 5B4JE 57/55 KM64MI > KM14 S YO7VS

GEORGIA

06111127 4L50 59/59 LM21DW > KM14 S YO7VS
06141250 4L50 599/599 LM21DW > KM14 C YO7VS

ISRAEL

06131518 4E5AO 58/57 KM72MJ > KM14 S YO7VS
06141020 4E4TL 59/58 KM72KD > KM14 S YO7VS
06181441 4E5AO 57/57 KM72MJ > KM14 S YO7VS
06211223 4X1IF/4X 59/59 519 KM73 > KM14 C YO7VS
06211308 4E4TL 59/57 KM72 > KM14 S YO7VS
06211311 4X1IF/4X 57/51 KM73 > KM14 S YO7VS
06211321 4E5AO 59/59 KM72MJ > KM14 S YO7VS

06231610 4X1IF 599/529 KM72 > KM14 C YO7VS
07091230 4X6OM 59/54 KM72JB > KM14 S YO7VS
07171010 4E5JA 59/59 CHRISTI > KM14 S YO7VS
07190633 4X1IF KM72 > JO66 SM7AED
07190644 4E5JA KM72 > JO66 SM7AED
07190655 4X1IF 599/419 KM72 > KM14 C YO7VS
07190733 4E5JA 559 -0736 > IO80JV H G4UPS
08021610 4E5JA 59 -1810 > EA7KW

LEBANON

06010643 OD5SB 59/57 KM74VI TRIPOLI S YO7VS
06091054 OD5SB 57/57 KM74VJ > KM14 S YO7VS
06101107 OD5SB 57/57 KM74VJ > KM14 S YO7VS
06271149 OD5SB 57/55 KM74VJ > KM14 S YO7VS

TURKEY: During 18 days of activity, YM7PA had 1106 QSOs with 44 different DXCC countries. Best DX was VE1ZZ on July 12.

07031724 YM7PA KM91 > JO66 W SM7AED
07091641 YM7PA 599/599 KM91QC > KM14 C YO7VS
07100550 YM7PA -0710 > JO66 H SM7AED
07100600 YM7PA 599/599 KM91QC > KM14 C YO7VS
07121123 YM7PA 59/55 KM91QC > KM14 S YO7VS
07131600 YM7PA KM91, 1617 SSB > KM14 C YO7VS
07141090 YM7PA > JO66 G3BHR
07150828 YM7PA HRD > JO66 SM7AED
07151128 YM7PA 59/59 KM91QC > IO80JV S G4UPS
07151136 YM7PA 599/599 KM91QC C G4UPS
07170634 YM7PA 59/57 KM91QC > KM14 S YO7VS
07170940 YM7PA KEYER 579 > IO80JV H G4UPS
07190720 YM7PA 449 a SSB > IO80JV H G4UPS
07200525 YM7PA -0800 > JO66 H SM7AED
07200733 YM7PA KEYER 339 -0757 > IO80JV H G4UPS
07201036 YM7PA KEYER 599 > IO80JV H G4UPS

Reports of Asia (Far East)

CHINA

07260358 BOOM QSL VIA BV2KI 50.115 JO1GY
07260403 BOOM 50.115 JH1XUP
07270152 BOOM 240° 56/59 50.115 JA1RJU
07270257 BOOM 59 QSB 50.114 JR2BET
07270414 BOOM 50.115 JH2COS
07270452 BOOM 50.115 JA1KAW
07270457 BOOM IOTA AS-113 50.114 JR2BET
07270505 BOOM 50.115 JF1UVJ
07270614 BOOM 50.115 C JH1WHS
07270717 BO1/JP1RIW 50.115 JE2DWS
07290813 BOOM 240° 599 50.115 JH4RCD/1
07290844 BOOM 50.115 JK1BLD
07300231 BOOM 50.115 JK7KIH
07300301 BOOM 50.115 JA1KAW
07300311 BOOM 240° QSL:BV2KI 50.116 C JA5BHZ
07300350 BO1/JA1JKG 50.116 JA5BHZ
07300415 BOOM 50.117 JA3JTG
07300420 BOOM 240° 50.117 JQ0QFA
07300615 BOOM 50.115 JH1WHS
08180944 BG7LIP/7 59 OL72CG 50.150 VR2IL
08160142 BG7IB/7 250° 59 50.110 JA3QGG
08160146 BG7LB/7 240° 50.110 S JA3EGE
08170000 BG7IB/7 50.110 VR2IL
08170023 BD7JA/7 50.110 VR2IL
08180317 BD7KW 250° 59 50.110 JA1RJU

HONG KONG

07270403 VR2SAR 240° 59/55 50.110 JO1GY
08020000 VR2IL, VR97LC, VR2SIX B JA
08020055 VR2IL 50.120 JH0BQX
08050900 VR2SIX B JR6
08180322 VR2XMT 250° 53 50.110 JA1RJU
08180325 VR2IL 250° 55-57 50.110 JA1RJU
08180327 VR2XMQ 250° 53 QSB 50.110 JA1RJU
08020100 VR97LC 50.130 JH0BQX

JAPAN

07270220 JA7ZMA 50.027 B V73AT
08020200 JA1, 2, 3, 4, 5, 6 -0300 50.125 BV4PH
08180326 JA1RJU 30° 57 50.110 VR2IL
08180331 JA2GTF 30° 57 50.120 VR2IL
08180333 JR2NET 30° 51 50.110 VR2IL
08180347 JO6EDD 51 50.110 VR2IL
08191241 JHOLTJ 30° 51 50.160 VR2IL

KOREA, South

07300605 HL1LTC 300° 59 50.110 JO6EDD
08160000 DS1B8J 270° 50.150 JQ0QFA

Russian Federation (Asia)

07180812 RW0CD 0° 50.110 JR3HED
07200828 RW0CD 350° 599 50.110 JA1RJU
07200835 RW0CD 50.110 C JK7KIH
07200935 RW0CD 50.110 C JA1KAW
07220235 UA0COCO 59 50.180 JR2HCB
07280752 RW0CD 350° 579 50.110 JA1RJU
07290900 RW0CD 350° 599 50.110 JQ0QFA
07290753 UA0EBK/0 350° 599 50.115 JA1RJU
08020843 RW0CD -0900 JA
08022327 RW0CD -0130 JA
08030100 RW0CD 350° 579 50.110 JA1RJU
08040928 UA0EBK/0 355° 57 50.170 JR2HCB
08040939 RW0CD 360° 57 QSB 50.160 JR2HCB
08100726 UA0CD 350° 50.180 JQ0QFA
08100908 UA0EBK/0 355° 59 50.180 JR2HET

TAIWAN

07220530 BV2FB 50.001 B JE2DWS

07220534 BV2FG 240° 599 50.003 B JR2HCB
07260341 BV1YA 230° 59 50.120 JE4JFP/4
07260346 BV1YA 50.119 JE1WXX
07280254 BV2FG 50.001 JE2DWS
08020000 BV2FG, BV2SR, BV4PH -0300 B JA

Reports of Europe

EUROPE GENERAL

07010735 EUR INBAND TV > IO80JV I G4UPS
07100728-EUR INBAND TV STRONG > IO80 I G4UPS
07120957 EUR INBAND TV > IO80JV I G4UPS
07130714-EUR INBAND TV STRONG 50.170 I G4UPS
07141400-EUR INBAND VY STRONG > IO80 I G4UPS
07150754-EUR INBAND TV VY STRONG I G4UPS
07151043-EUR INBAND TV VY STRONG I G4UPS
07170950 EUR INBAND TV > IO80JV I G4UPS
07201100 EUR INBAND TV -1200 I G4UPS
07221025 EUR INBAND TV -1105 I G4UPS
07261424-EUR INBAND VID 89 48.242/ 249>EL97 V W1LP/MM

ALAND IS.

06030729 OHOLIK 599/539 KO09KW > KM14 C YO7VS
06241708 OHOLA 59/59 JP90XI > KM14 S YO7VS
07121200 OHOLCE, OH0JLQ 59 > IO80JV H G4UPS
07150753 OHOLCE 59/55 JP90XG > KM14 S YO7VS
07221818 OHOLAB JP90 > JO66 SM7AED
07221923 OHOLA JP90 > JO66 SM7AED

ALBANIA

07141900 EA1MH 57/35 JH91WV > IO80JV S G4UPS
07240957 EA1MH 559 > IO80JV H G4UPS

AUSTRIA

06030516 OE2UKL 579/559 MS? > KM14 C YO7VS
06040648 OE5EBO 59/59 JH68KD > KM14 S YO7VS
06041143 OE5EJP 59/59 JH68KA > KM14 S YO7VS
07130544 OE5EKL 59/59 JH68PC KURT S G4UPS
07150954-EOE6BHG 57 > IO80JV H G4UPS
07172129 OE2UKL 599/539 JH67LX KURT C G4UPS
07192033 OE6LOG 57/59 JH76RT 50.20 S EH8BPX
07201030-EOE6BHG 599 > IO80JV H G4UPS
07201036-EOE6MHG 57 > IO80JV H G4UPS
07201100-EOE5JP 44 -1200 > IO80JV H G4UPS
07221041 OE6MHG 55 WKG IWO > IO80JV H G4UPS
07281749-EOE4WHD 55 > IO80JV H G4UPS

AZORES

07081635 CU2/DL3LAB 57/55 HM77> IO80 S G4UPS
07121110 CU2/DK2OY HM77 > JO65ML W SM7FJE
07121142 CU2/DK2OY HM77 > JO66 SM7AED
07131103 CU9A/SIX HM68>JO66 -1200 B SM7AED
07141024 CU2/DL3LAB HM77 > JO66 SM7AED
07151100 CU3URA > JO66 B SM7AED

BALEARIC IS.

06161215 EH6DW 59/55 JM19 > KM14 S YO7VS
06161232 EH6SA 529/529 JM19 > KM14 C YO7VS
06220947 EH6FB 59/57 JM08 > JO65ML W SM7FJE
06290902 EH6FB 59/57 JM08 > KM14 S YO7VS
07140748 EH6 > JO66 H SM7AED
07141521 EH6SA JM19 > JO66 SM7AED
07151318+EH6SA 599 -1400 > IO80JV H G4UPS

BELARUS

06040418 EULAB 599/599 KO33SU MINSK C YO7VS
06040528 EULABA 599/599 KO33SJ > KM14 C YO7VS
06080547 EULAB 599/599 KO33SU > KM14 C YO7VS
06080602 EULABA 599/599 KO33SJ > KM14 C YO7VS
06170912 EULAA 59/59 KO33BI > KM14 S YO7VS
07150754 EULAA 599/599 KO33SJ BEW C G4UPS

BELGIUM

06040615 QH1IM 59/59 JQ11UE > KM14 S YO7VS
06040652 QH1APG 59/59 JO20AT > KM14 S YO7VS
06091828 QH9BP 57/55 JO21LH > KM14 S YO7VS
06091838 QN4FPI 59/59 JO10SX > KM14 S YO7VS
06131056 QN4AND 57/57 JO20KV > KM14 S YO7VS
06211434 QN4PS 59/59 JO20 > KM14 S YO7VS
06300743 QN4FPI 59/59 JO10DX > KM14 S YO7VS
06300802 QN4PS 59/59 JO20KQ > KM14 S YO7VS
07141011 QN1BCJ JO11 > JO66 SM7AED
07171145 QN1DDC 57/57 JO11PC > KM14 S YO7VS
07200903 QN1DDC 57/59 JO11PC > KM14 S YO7VS
07200904 QN1FPI 57/55 JO10SX > KM14 S YO7VS
08042047+QH1 59 W KM14

BOSNIA-HERZEGOVINA

07031626 T97M 59 > IO80JV H G4UPS
07200906 T97V JE84 > JO66 SM7AED

BULGARIA

06071409 LE1JH 599/599 KM32AS > KM14 C YO7VS
07040702 LE2TU > JO66 H SM7AED
07190705 LE1LKG KM32 > JO66 SM7AED
07200647 LE2FO KM13 > JO66 SM7AED

CORSICA

06161240 TR/DL1BKK/P 59/59 JH41PM S YO7VS

CRETE

06101608 SV9/DL8SET 57/56 KM15> KM14 S YO7VS
06121232 SV9AEB 59/55 KM25HI > KM14 S YO7VS
06121243 SV9/DL8SET 59/57 KM15> KM14 S YO7VS

CROATIA

07031142 9A3FT 59/59 JH83 RENNY S G4UPS

07031144 9A3XR 57/57 JWB3 ANDRO S G4UPS
 07031452+9A3FT 559 > IO80JYV H G4UPS
 07111832 9A3FT JWB3 > JO66 S SM7AED
 07141814 9A4OP 59/59 JWB5AT OTO>IO80 S G4UPS
 07162002 9A2UJ 59/59 JWB5AT > IO80 C G4UPS
 07200909 9A1CAL JWB6 > JO66 S SM7AED
 07201011 9A2UJ 579 > IO80JYV H G4UPS
 07250853 9A2DI 51/55 JWB95IN 50.20 S EH8BPK
 07281036 9A3FT 599/599 JWB3PM RHMH C G4UPS
 07281833 9A2UJ 569, 9A7V 59 > IO80JYV H G4UPS
 07281838+9A4OP 55 -1850 > IO80JYV H G4UPS
 07281911 9A3FT 559 > IO80JYV H G4UPS

CZECH REPUBLIC

06040532 OK1MP 599/599 JWB70PC > KM14 C YOTVS
 06040542 OK2RX 599/599 KB89IE > KM14 C YOTVS
 06040547 OK1ABF 599/579 JWB60SH KM14 C YOTVS
 06040565 OK1KT 59/59 JOT70WE > KM14 S YOTVS
 06050832 OK2BDS 599/599 JWB70 > KM14 C YOTVS
 06171005 OK1VBM 599/599 JWB78FX KM14 C YOTVS
 07121059+OK1DDO 599 > IO80JYV H G4UPS
 07121344 OK1DDO J060 > FM53 50.106 C KM14
 07130756+OK1EO 59 > IO80JYV H G4UPS
 07141400+OK1EO 59 > IO80JYV H G4UPS
 07141900+OK1ER 599, OK1JL 59 > IO80JYV H G4UPS
 07141900+OK2DW 579 > IO80JYV H G4UPS
 07170954 OK2EE 55 > IO80JYV H G4UPS
 07171300+OK2RX 59 > IO80JYV H G4UPS
 07172120 OK1FED 599/599 J060 > IO80JYV C G4UPS
 07241727 OK1DDO 44 -1800 > IO80JYV H G4UPS

DENMARK

06010612 0E8EE 59/59 J055RT > KM14 S YOTVS
 06010622 0E9JT 59/59 J046HW > KM14 S YOTVS
 06031314 0E9ZP 599/599 J045VB > KM14 C YOTVS
 06031402 0E9QP 53/53 J045VB > KM14 S YOTVS
 06050543 0E8DL 59/59 J065PS > KM14 S YOTVS
 06050727 0E1JT 59/59 J065ER > KM14 S YOTVS
 06060742 0E7OP 59/59 J065ET > KM14 S YOTVS
 06060839 0E1CPX 59/59 J064BX > KM14 S YOTVS
 06060847 0E8ABE 59/59 > KM14 S YOTVS
 06070940 0E4VW 599/599 J046 > KM14 C YOTVS
 06071912 0E9QP 599/599 J045VB > KM14 C YOTVS
 06080720 0E1IEP 59/58 J065ER > KM14 S YOTVS
 06091813 0E8TG 59/59 J045VW > KM14 S YOTVS
 06091843 0E6J1 57/59 J045UT > KM14 S YOTVS
 06091858 0E5DE 55/59 J056 > KM14 S YOTVS
 06091905 0E7KX 59/59 J046UA > KM14 S YOTVS
 06091908 0E8EE 599/599 J055RT > KM14 C YOTVS
 06151022 0E8EW 599/599 > KM14 C YOTVS
 06211147 0E6MTR 59/55 J065 > KM14 S YOTVS
 06211208 0E3EW 599/599 J054 > KM14 C YOTVS
 06231005 0E5AGJ 59/59 BE8WY > KM14 S YOTVS
 07051049 0E2LD MS > IO80JYV H G4UPS
 07061059 0E8EW 579/559 J054 TOR MS C G4UPS
 07100753+0E5VH 589 > IO80JYV B G4UPS
 07121235 0E9JT 55/59 > KM14 S YOTVS
 07131100 0E8ABA 59/59 J057D > KM14 S YOTVS
 07150849 0E1IF 59/59 J065CU > KM14 S YOTVS
 07151024 0E1CLL 59/59 J065 > KM14 S YOTVS
 07151042 0E1FQW 55/52 J056EH > KM14 S YOTVS
 07151222 0E1BDH 55/59 J065 > KM14 S YOTVS
 07151223 0E5IQ 55/55 J065 > KM14 S YOTVS
 07151225 0E2LD 59/57 J054TU > KM14 S YOTVS
 07161015 0E7IGY 599 > IO80JYV B G4UPS
 07161034 0E1CLL 599/599 J065 > IO80JYV C G4UPS
 07161131 0E2LD 59/59 J054 > IO80JYV S G4UPS
 07161522 0E2LD 55/59 J054TU 50.20 S EH8BPK
 07161602 0E8AGJ 59/59 BENNY > IO80JYV S G4UPS
 07170540 0E1CDI 53/53 J065 > KM14 S YOTVS
 07170621 0E2LD 59/56 100W > KM14 S YOTVS
 07170637 0E1DWN 59/59 J054 > KM14 S YOTVS
 07171300 0E6VHF 599 > IO80JYV B G4UPS
 07171900 0E2LD J055 > KM14 S YOTVS
 07172101 0E1CDE 51/51 J065 > KM14 S YOTVS
 07172103 0E7IES 57/55 J065DJ > KM14 S YOTVS
 07172113 0E6OL 57/55 J065DJ > KM14 S YOTVS
 07172114 0E1DWN 53/59 J054UO > KM14 S YOTVS
 07172115 0E5EF 55/57 J054WE 50.20 S EH8BPK
 07172119 0E8ABA 55/59 J057DQJ 50.20 S EH8BPK
 07200810 0E5AGJ 57/57 J056DF > KM14 S YOTVS
 07261500+0E7IGY 579 > IO80JYV B G4UPS
 07261505 0E1DWN 59/59 J054UQ JAM S G4UPS
 07261553 0E1FDH/A 599/599 J055 CLAUE C G4UPS
 07261553 0E8ABA 59, 0E2LD 592 IO80JYV H G4UPS

ENGLAND

06030617 G1EFL 57/57 MIKE > KM14 S YOTVS
 06030622 G0PIK 57/56 ALWYH > KM14 S YOTVS
 06030636 G4FHI 44/54 IO90BR > KM14 S YOTVS
 06091822 G4DCJ 59/59 DAVE > KM14 S YOTVS
 06091827 G7RRD 59/59 J092XT > KM14 S YOTVS
 06091829 G4WBD 59/59 J092EP > KM14 S YOTVS
 06091832 G4AFJ 59/59 J092HO > KM14 S YOTVS
 06091834 M1ALH 59/59 J002MD > KM14 S YOTVS
 06091835 G7OEC 59/59 J0010V > KM14 S YOTVS
 06091836 G6IQI 57/58 IO92AJ > KM14 S YOTVS
 06091837 G4DEE 47/57 > KM14 S YOTVS
 06091840 M1BKI 57/57 J1M > KM14 S YOTVS
 06091942 G4ASR 599/559 IO81MX > KM14 C YOTVS
 06131122 G3EWV 579/559 IO91WP > KM14 C YOTVS
 06141247 M1ALH 47/56 LONDON > KM14 S YOTVS
 06141318 G4AJC 579/579 IO91VJ > KM14 C YOTVS
 06141322 G3FPQ 59/59 IO91ME > KM14 S YOTVS
 06141324 G3IMV 59/59 IO910X > KM14 S YOTVS
 06141337 G4IQY 599/559 IO81HW > KM14 C YOTVS
 06141342 G3OIC 579/549 IO92BJ > KM14 C YOTVS
 06180602 G8BQX 59/59 JO90GU > KM14 S YOTVS
 06180625 G7EXO 59/55 IO91PG > KM14 S YOTVS
 06180637 G4HBA 599/559 IO80WT > KM14 C YOTVS
 06181832 GOHMS 579/579 IO91UE > KM14 C YOTVS
 06181844 G1YLP 58/55 JO02OB > KM14 S YOTVS
 07050748 G4UPE B-SCATTER > JO66 W SM7AED
 07050754 G3CCH M/S > JO66 W SM7AED

07060748 G3CCH M/S > JO66 S SM7AED
 07072013 G6STD 39/55 J070HE 50.20 S EH8BPK
 07080738 M/P1EP/S/P IN69 SCILLY IS. S G4UPS
 07091347 G3JY 599/599 IO93IQ > KM14 C YOTVS
 07110742 G4UFS IO80 > JO66 S SM7AED
 07120742 G4UFS IO80 > JO66 S SM7AED
 07121243 M1ALH 51/51 50.20 S EH8BPK
 07121245 G3IMV 55/57 IO910X 50.20 S EH8BPK
 07121247 G8GFF 55/57 JO01FS 50.20 S EH8BPK
 07121249 G3VMJ 51/51 JO01GR 50.20 S EH8BPK
 07121252 G3BDI 55/55 JO01 50.20 S EH8BPK
 07121252 G6HKK 56/55 JO01 50.20 S EH8BPK
 07121256 21IDPG 51/55 IO93TA 50.20 S EH8BPK
 07121257 G3JFC 53/57 IO93TA 50.20 S EH8BPK
 07121300 21F1PRA 51/52 IO93 50.20 S EH8BPK
 07121303 M1ALH 51/51 JO02MD 50.20 S EH8BPK
 07121305 G6IJJ 57/56 IO91VH 50.20 S EH8BPK
 07121313 G7DWI 51/51 JO00 50.20 S EH8BPK
 07121314 M1ALB 51/54 IO92 50.20 S EH8BPK
 07140748 G4UFS > JO66 S SM7AED
 07140752 G3CCH MS > JO66 S SM7AED
 07141020 G3HBR > JO66 S SM7AED
 07150753 G3CCH IO93 M/S > JO66 S SM7AED
 07151253 G6YIH 59/59 IO93ET 50.20 S EH8BPK
 07151258 G7LXK/M 55/55 IO93IQ 50.20 S EH8BPK
 07151259 G9WPL 59/59 IO93 50.20 S EH8BPK
 07151300 G4AJF 51/51 IO9280 50.20 S EH8BPK
 07171118 G4KWR 57/55 IO82KR > KM14 S YOTVS
 07171123 G4IJE 57/57 JO01CT > KM14 S YOTVS
 07171132 G0ORG 59/59 JO02PB > KM14 S YOTVS
 07171149 G3AKU 57/57 IO92GR > KM14 C YOTVS
 07171312 G3MY 59/57 IO93DI > KM14 C YOTVS
 07171337 G0WIA 55/59 IO83SM > KM14 S YOTVS
 07171339 G7RRD 59/59 IO92XT > KM14 S YOTVS
 07171340 M1BQX 59/59 IO93XK > KM14 S YOTVS
 07171344 G1VGO 59/59 IO93HM > KM14 S YOTVS
 07171345 G8CDW 57/57 IO92XW > KM14 S YOTVS
 07171422 G3CEG 59/59 IO81WB > KM14 C YOTVS
 07171812 G4HBA IO80 > FM53 50.108 C KM14
 07171820 G4UFS IO80 > FM53 50.114 C KM14
 07171823 G6APD IO81 > FM53 50.113 C KM14
 07171835 G4PCI IO91 > FM53 50.136 C KM14
 07171854 G3BTA IO94? > FM53 50.114 C KM14
 07171950 MOAOS > FM53 50.104 C KM14
 07172238 G6YIND 59/59 IO93BT 50.20 S EH8BPK
 07172240 G3FPQ 51/51 IO91 50.20 S EH8BPK
 07200902 G4DEZ 59/56 JO01W > KM14 C YOTVS
 07210754 G3CCH IO93 M/S > JO66 S SM7AED
 07261230 G3FJE J000 > JO66 S SM7AED
 07261732 G0WNL/p IO 81 > JO66 S SM7AED
 07312236 G WEAK AURORAL Es > P802 W W2DR2
 07122533 GORJR 55/55 IO91FE 50.20 S EH8BPK
 07122534 G7RMA 55/58 IO80TU 50.20 S EH8BPK
 07122535 G0EVT 51/51 IO93GR 50.20 S EH8BPK
 07210092 G4DEZ 59/56 JO01W > KM14 C YOTVS
 07210754 G3CCH IO93 M/S > JO66 S SM7AED
 07261230 G3FJE J000 > JO66 S SM7AED
 07261732 G0WNL/p IO 81 > JO66 S EH8BPK
 07172253 M1ACM 51/51 IO81SQ 50.20 S EH8BPK
 07172253 GORJR 55/55 IO91FE 50.20 S EH8BPK
 07172254 G7RMA 55/58 IO80TU 50.20 S EH8BPK
 07172255 G0EVT 51/51 IO93GR 50.20 S EH8BPK
 07210092 G4DEZ 59/56 JO01W > KM14 C YOTVS
 07210754 G3CCH IO93 M/S > JO66 S SM7AED
 07261230 G3FJE J000 > JO66 S SM7AED
 07261732 G0WNL/p IO 81 > JO66 S EH8BPK
 07312236 G WEAK AURORAL Es > P802 W W2DR2
 08042047+G3FPQ > FM65 W KM14
 08042129 G3FPQ > FM65 W VE9AA
 08042129+G0RDI > FM65 W VE9AA

07051063 G3EJR 59/59 J057D > KM14 S YOTVS
 07121235 0E9JT 55/59 > KM14 S YOTVS
 07121344 0E1CLL 59/59 J065 > KM14 S YOTVS
 07121345 0E1FQW 55/59 J065 > KM14 S YOTVS
 07121346 0E1BDH 55/59 J065 > KM14 S YOTVS
 07121347 0E1BDH 55/59 J065 > KM14 S YOTVS
 07121348 0E5IQ 55/59 J065 > KM14 S YOTVS
 07121349 0E2LD 59/59 J054TU > KM14 S YOTVS
 07121350 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121351 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121352 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121353 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121354 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121355 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121356 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121357 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121358 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121359 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121360 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121361 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121362 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121363 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121364 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121365 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121366 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121367 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121368 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121369 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121370 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121371 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121372 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121373 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121374 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121375 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121376 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121377 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121378 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121379 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121380 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121381 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121382 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121383 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121384 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121385 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121386 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121387 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121388 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121389 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121390 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121391 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121392 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121393 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121394 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121395 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121396 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121397 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121398 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121399 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121400 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121401 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121402 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121403 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121404 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121405 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121406 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121407 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121408 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121409 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121410 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121411 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121412 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121413 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121414 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121415 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121416 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121417 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121418 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121419 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121420 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121421 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121422 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121423 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121424 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121425 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121426 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121427 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121428 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121429 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121430 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121431 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121432 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121433 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121434 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121435 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121436 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121437 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121438 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121439 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121440 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121441 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121442 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121443 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121444 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121445 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121446 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121447 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121448 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121449 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121450 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121451 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121452 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121453 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121454 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121455 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121456 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121457 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121458 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121459 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121460 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121461 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121462 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121463 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121464 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121465 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121466 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121467 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121468 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121469 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121470 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121471 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121472 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121473 0E1CDI 53/53 J065 > KM14 S YOTVS
 07121474 0E1CDI 53/53 J065 > KM14 S YOTVS

06211233 DJ6TK 599/599 JO53 > KM14 C Y07VS
 06211244 DJ9YK 599/599 JO43 > KM14 C Y07VS
 06211258 DL5BAW 599/599 JO43 > KM14 S Y07VS
 07100638 DL7TF 599/599 JO62TJ- KM14 C Y07VS
 07101554 DF5LQ 594/599 JO44 > FM53 50.102 C KM14
 07121035+DJ6TK 599 > IO80JV H G4UPS
 07121059+DL 599 > IO80JV H G4UPS
 07130756+DF6MA 59, DL3AMA 59 > IO80JV H G4UPS
 07141726 DL5CL 599/599 JM58WH IMGO C G4UPS
 07150955+DL9USA 59 > IO80JV H G4UPS
 07151023 DL5BAW 59/59 JO43JB 50.20 S EH8BPK
 07151028 DL1A1S 53/55 JO50CT > KM14 S Y07VS
 07151032 DL6T8 55/59 JO53F9 50.20 S EH8BPK
 07151244 DJ4PI 55/59 JM49KB 50.20 S EH8BPK
 07151320 DF5LQ 59/59 JO44XK 50.20 S EH8BPK
 07151807 DF5LQ JO44 > JO66 AURORA SM7AED
 07161132 DJ6TK 59/59 WILF > IO80JV S G4UPS
 07171055 DL1AAS 579/579 JO50CT > KM14 C Y07VS
 07171307 DL918 579/579 JM51BP- KM14 C Y07VS
 07171327 DL2P8 599/599 JO41GV- KM14 C Y07VS
 07171852 DJ480 50.114 > FM53 50.114 C KM14
 07172123 DL8LV 55/55 JO44JB 50.20 S EH8BPK
 07192043 DL4MDQ 53/55 JM588P 50.20 S EH8BPK
 07200802 DL8LV 599/599 JO44IJ > KM14 C Y07VS
 07200858 DL18UE 59/59 JO53UM > KM14 S Y07VS
 07261500 DL9USA 599 > IO80JV H G4UPS
 07291057 DL6T8 599/599 JM53 WILF C G4UPS
 07311558 DL9USA 599/599 > IO80JV C G4UPS
 08162030 DF5LQ < 2120 K1TOL
 08162116 DL9 > KM14 H KM14

GREECE
 07031538+SV1SIX 579 -1548 > IO80JV B G4UPS
 07031540 SV2DFA KM10 > JO66 SM7AED
 07031540+SV1SIX KM17 > JO66 B SM7AED
 07041640 SV1SIX > JO66 B SM7AED
 07041640 SV2DFA > JO66 B SM7AED
 07130714+SV1SIX 579 > IO80JV B G4UPS
 07150745 SV1SIX > JO66 B SM7AED
 07150846 SV2BQE 55 VY QSB > IO80JV H G4UPS
 07190626 SV1OUE KM17 > JO65ML W SM7FJE
 07191729 SV2DFA KM10 > JO66 B SM7AED
 07220800 SV1SIX/B > JO66 B SM7AED
 07251330 SV2DFA KM10 > JO66 B SM7AED

GUERNSEY IS.
 07261303 2U1FOA IM89 > JO66 SM7AED

ISLE OF MANN
 06031418 QD3AHV 579/559 IO74 > KM14 C Y07VS

ITALY
 06031523 ILAXE 599/599 JM34QM > KM14 C Y07VS
 06031528 IALCK/4 59/59 JM54PD > KM14 S Y07VS
 06110728 IW9DSW 59/59 JM676K > KM14 S Y07VS
 06111257 IS9CHU 59/59 JM76W > KM14 S Y07VS
 06121158 IW9DSW 599/599 JM76WV- KM14 C Y07VS
 06121414 IW0E8R 59/57 JM61GP > KM14 S Y07VS
 06121426 IO2ARL 59/59 JM61IU > KM14 S Y07VS
 06160902 IW9DSW 59/59 > KM14 S Y07VS
 06161012 IKOKHY 599/599 JM61UD- KM14 C Y07VS
 06161017 IK0FTA 59/59 JM61 > KM14 S Y07VS
 06161022 IK0XUM 59/59 JM61AX > KM14 S Y07VS
 06161026 IKOSMG 59/59 JM61FB > KM14 S Y07VS
 06161054 IK5EWE 59/59 JM53VB > KM14 S Y07VS
 06161103 IW5AVM 59/59 JM52HS > KM14 S Y07VS
 06161411 IK5QLO 599/599 JM53FD- KM14 C Y07VS
 06161517 IW4CVB 59/59 JM54HQ > KM14 S Y07VS
 06161543 IZAE 59/58 JM55BM > KM14 S Y07VS
 06161557 IW1DM 59/59 JM35 > KM14 S Y07VS
 06161558 IK5YSW 59/57 JM53PU > KM14 S Y07VS
 06161622 IK1MTE 599/599 JM35UB- KM14 C Y07VS
 06170849 IK0FTA 59/59 JM61GV > KM14 S Y07VS
 06170907 IW6MNT 59/59 JM62VT > KM14 S Y07VS
 06171248 IW0GRW 59/59 JM62EV > KM14 S Y07VS
 06171628 II8AI 599/599 JM35WD- KM14 C Y07VS
 06171633 IK2XRL 599/599 JM45HR- KM14 C Y07VS
 06171635 IC3GHR 599/599 JM55QD- KM14 C Y07VS
 06171828 IZJBS 59/59 JM45MJ > KM14 S Y07VS
 06172025 IY4SS 59/59 JM54KU > KM14 S Y07VS
 06211061 IW5AWB JM52 > JO65ML W SM7FJE
 06211421 I2OKW 59/59 JM25 > KM14 S Y07VS
 06211614 IW5AVM 59/59 JM52 > KM14 S Y07VS
 06230825 IW9DSW 599/599 JM76WV- KM14 C Y07VS
 06301340 IK4EWR 59/59 > KM14 S Y07VS
 06301523 ISWUVE 59/59 JM52OT > KM14 S Y07VS
 06301546 IK0FTA 59/59 JM61GV > KM14 S Y07VS
 06301552 IK0ORY 59/59 JM61GT > KM14 S Y07VS
 06301628 IW0E8I 59/59 JM61GO > KM14 S Y07VS
 07010730 I > IO80JV H G4UPS
 07010752 IW0RKF 59 > IO80JV H G4UPS
 07011628 IK8VJU 59 -1632 > IO80JV H G4UPS
 07031225 IS5ECW 599, IK3TPP 59 H G4UPS
 07031225 IK5YJY 59 > IO80JV H G4UPS
 07031225+IK5RLP 59 > IO80JV H G4UPS
 07031225+IW3QIO 59, #1234 59/59 JM65 W G4UPS
 07031527 IK8YD5 579 > IO80JV H G4UPS
 07031544+IK4PLW 599 > IO80JV H G4UPS
 07031659 IK0FTA 59/59 JM61 BERGIO S G4UPS
 07041500 IC4BBF 59/59 JM54MP > KM14 S Y07VS
 07060736 IW9FPI JM76 > JO66 SM7AED
 07121338 IK2GOB JM45 > FM53 50.106 C KM14
 07130714 IS3LLH 59/59 > IO80JV S G4UPS
 07130725 IW5BML 59/59 JM52 > IO80JV S G4UPS
 07130725 IW9BJU 59/59 JM77GG > KM14 S Y07VS
 07130732 IW9CER 59/59 JM78QF > KM14 S Y07VS

07130954 IW9DEW 59/59 JM768R > KM14 S Y07VS
 07131200+IW0DUL 59, IT9 > IO80JV H G4UPS
 07140724+IW3QIO 55 > IO80JV H G4UPS
 07140758 IS3JJ1 559/559 JM568R- 0800 C G4UPS
 07140758+IK5QL 559 > IO80JV H G4UPS
 07141400+IW8BG 599, IK1EGC, IK6SEW 59 H G4UPS
 07141512 IW7/HB90RE JM99 > JO66 SM7AED
 07141726+IX1IYH 59 > IO80JV H G4UPS
 07141900+I > IO80JV H G4UPS
 07141900+IW8DUL 59 > IO80JV H G4UPS
 07151030 IK0FTA 55, IS3JJ1 559 H G4UPS
 07151043 IW8DRG/8 59/59 JM79VW S G4UPS
 07151103+IW4PK 599, IK0MFP JM63 > JO66 SM7AED
 07162032+IWVHL 59 > IO80JV H G4UPS
 07162032+IS5ECW 579, IK0BAL 59 > IO80 JV H G4UPS
 07162110+IW5AVM 57 > IO80JV H G4UPS
 07172030 IW6AKH 55 IN/OUT > IO80JV H G4UPS
 07190727 IK4ADE 55 > IO80JV H G4UPS
 07191717 ID8/IW8DRG/p JM79 > JO66 SM7AED
 07192031 IS3HRY 55/55 JM65EU 50.20 S EH8BPK
 07192034 IW3QMB 53/55 JM65SV 50.20 S EH8BPK
 07192035 IW3RDK 59/59 JM65VP 50.20 S EH8BPK
 07192045 IW3MMW 55/55 JM55NW 50.20 S EH8BPK
 07192055 IK5WNP 53/59 JM53DV 50.20 S EH8BPK
 07192056 IK5YJY 59/59 JM53 50.20 S EH8BPK
 07201001+IW3 59 > IO80JV H G4UPS
 07201011+IS3QD 57, IW3RDX 57 > IO80JV H G4UPS
 07210818 IW0URM JM40 > JO66 SM7AED
 07241007 IS0AHH 59/58 JM61FT CAMILLO S G4UPS
 07241015 IW5DOI 59/59 JM53WV ANGELO S G4UPS
 07241015+IK5YJY 59, IW60XA 55 H G4UPS
 07241015+IW5AVM 59, IW8DRG 59 H G4UPS
 07241035+IC7CB 57 > IO80JV H G4UPS
 07241605+IW8DRG/8 55 -1710 > IO80JV H G4UPS
 07241925 IW3HRY 57/57 JM65EU 50.20 S EH8BPK
 072508310 IW0GTV 55 > IO80JV H G4UPS
 07271121 IK0H0J 55, IS0AHH 44 -2118 H G4UPS
 07281125 IW5BML 59/59 JM52WV AL S G4UPS
 07281131 IOMY 59/59 JM528J MAURICE S G4UPS
 07281833+IS5ECW JM53 > JO66 SM7AED
 07281838+IW5QOY 55, IW3QMB 55 H G4UPS
 07281911+IW0GIV 59, IK0OKY 559 H G4UPS
 07281911+IW8DRG/IDB 55 > IO80JV H G4UPS
 07281953 IK0FTA 55/55 JM61 SERGIO S G4UPS
 07281953+IW0DRI 59 -1958 > IO80JV H G4UPS
 07311601 ISUWT WKG EH4 > IO80JV H G4UPS
 08021610+I > EA7KW
 08021610+I > ES 144 H EA4EHI

JERSEY IS.
 06220848 G4JICD 59/59 IW89WF > KM14 S Y07VS

LATVIA
 06060554 LY3CW 599/599 KO26CV > KM14 C Y07VS
 06080631 LY3CW 599/599 KO26CV > KM14 C Y07VS
 06091909 LY3AG 599/599 KO26AW > KM14 C Y07VS
 07100728 LY2JW 59/59 KO16WX OSCAR S G4UPS
 07261033 LY1XX 599/599 KO26AW C G4UPS
 07261033+LY2JW 59 > IO80JV H G4UPS

LITHUANIA
 06040518 LY2BAW 599/599 KO24PQ > KM14 C Y07VS
 06080557 LY2BAW 599/599 KO25KA > KM14 C Y07VS
 07091538 LY1DQ 59/59 KO25RF > IO80JV H G4UPS
 07121013+LY2BI 57 > IO80JV H G4UPS
 07171319 LY2BI 59/59 KO14QH > IO80JV S G4UPS

Macedonia
 07031636 I38/0H3MIG KM01 > JO66 W SM7AED
 07200819 I38/0H3MIG KM01 > JO66 W SM7AED

MALTA
 06110758 9H1XX 59/59 JM75FV > KM14 S Y07VS
 06111355 9H1AL 599/599 JM75FV > KM14 C Y07VS
 06111514 9H1AE 599/599 JM75FV > KM14 C Y07VS
 06121236 9H1XX 59/59 JM75FV > KM14 S Y07VS
 06131635 9H1XX 59/59 KLAUS S G4UPS
 06171240 PE1MTE 53/55 JO1735 > IO80JV H G4UPS
 07031420+9H3YM 55 > IO80JV H G4UPS
 07051249 9H5BT JM75 > JO66 SM7AED
 07131058 9H1CG 59/59 JM75FW > KM14 C Y07VS
 07161103 9H1CG 59/59 JM75FW > KM14 S Y07VS
 07162110+9H1CG 569 > IO80JV H G4UPS
 07171148 9H5PG 59/57 JM75FW > KM14 S Y07VS
 07171214 9H1AX 599/599 JM75EW > KM14 C Y07VS
 07241601 9H5EE 55 -> > IO80JV H G4UPS
 08021610+9H5EE > ES 144 H EA4EHI
 08021610+9H5EE > EA7KW

Market Reef
 07121230 QJ0/0H1VR 59/59 JP90 > IO80 S G4UPS

Netherlands
 06030617 PA3RDY 59/59 JO21BV > KM14 S Y07VS
 06031520 PA3TGT 59/59 JM32LR > KM14 S Y07VS
 06040558 PE1NGE 59/57 JO21HM > KM14 S Y07VS
 06040601 PA3EPC 59/57 JM22RA > KM14 S Y07VS
 06040651 PA0WLB 59/59 JO23ID > KM14 S Y07VS
 06040653 PE1OXT 59/59 JO22FE > KM14 S Y07VS
 06040654 PA3G5U 59/59 JO33CF > KM14 S Y07VS
 06060738 PE1REO 59/59 JO22KK > KM14 S Y07VS
 06060740 PA0C0R 59/59 JM23TA > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06060740 PA0C0R 59/59 JM23TA > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 06091902 PA0ASH 59/59 JO22BI > KM14 S Y07VS
 06091903 PE1ALV, PA3G0Q 59/59 JO21 > KM14 S Y07VS
 06091904 PE1PLD 59/59 JO21ME > KM14 S Y07VS
 06091814 PE1OZB 57/53 JO22 > KM14 S Y07VS
 06091817 PE1OXX, PA0RDY, PE1OZH 59/59 S Y07VS
 06091859 PA3GSU 59/59 JO33CF > KM14 S Y07VS
 060

07010752 SP6OUL 57 > IO80JV G4UP5
 07011022 SP2MJE 55/55 JO92AT 50.20 S EH8BPX
 07011655+8Q9ACM SP6OUL 59 > IO80JV H G4UP5
 07031420 SP1MVA/MM 59/58 IN75 > IO80 S G4UP5
 07031544 SP8MME 59 > IO80JV H G4UP5
 07031615 SP8QWV 57 > IO80JV H G4UP5
 07031615 SR5SIX 599 > IO80JV B G4UP5
 07071308 SP7V INBAND > IO80JV I G4UP5
 07071318 SP9YDV 59/59 KM19GP SLAV S G4UP5
 07071322 SP9VWV 599/599 JO90LD JACK C G4UP5
 07071322 SR6SIX 599 > IO80JV B G4UP5
 07071327+8Q9ACM SP9DBE, SP6OUL, SP6VXO H G4UP5
 07071432 SP9YDV 599/599 KM19GP SLAV C G4UP5
 07071432 SP9HWU 599 -1500 > IO80JV H G4UP5
 07091138+SP8MME 59 > IO80 B G4UP5
 07091400 SR5SIX 569 & 1538 > IO80 B G4UP5
 07091415 SP5ELA 599/599 KO02LG SYGI C G4UP5
 07091538 SP4MHP 59, SP2BMJ 599 > IO80 H G4UP5
 07091538+SP2MJI 59 > IO80 H G4UP5
 07100642 SP6FUM 559/599 JO > KM14 C YOTVS
 07100728+SP9YDV 59, SP4MHP 55 > IO80 H G4UP5
 07100728+SP8MME 59 > IO80JV B G4UP5
 07100728+SR5SIX 599 > IO80JV B G4UP5
 07100753+SP5ELA 59 > IO80JV H G4UP5
 07100849 SP9HVV 59/59 KO00LA > IO80JV S G4UP5
 07100849+SP2FSGE 59, SP2MJE 599 > IO80 H G4UP5
 07100849+SP3JME 59, SQ9ANS 59 > IO80 H G4UP5
 07100849+SP6HWV 59, SQ9AHS 59 > IO80 H G4UP5
 07100922 SP3UCA > IO80JV H G4UP5
 07111185 SR5SIX 599 > IO80JV B G4UP5
 07111901 SP3WQ 599/599 JO82KG > IO80 C G4UP5
 07121000 SP4MHP 59 > IO80JV H G4UP5
 07121012 SE3JX 59/59 JO94GJ IRKE S G4UP5
 07121013 SP4MHP 59/59 KO14 > IO80JV S G4UP5
 07121022 SP1HQW 599/599 JO84ML TED C G4UP5
 07121033 SP2WRI 59/59 JO94GI MACIEK S G4UP5
 07121035+SP5ALV/P 559 > IO80JV H G4UP5
 07121035+SP588 59, SP5XMU 59 > IO80JV H G4UP5
 07121035+SR5SIX 599 > IO80JV B G4UP5
 07121059+SP6HWV 59 > IO80JV H G4UP5
 07121118 SP3FGR 59/59 JO82 ZENEK S G4UP5
 07121118+SP1FPG 59 > IO80JV H G4UP5
 07130714+SP2MJE 55 > IO80JV H G4UP5
 07130728+8Q9CXT 59 > IO80JV H G4UP5
 07131407 SP1MVA/MM JW11 > JO66 SM7AED
 07141800 SP4MHP 579 > IO80JV H G4UP5
 07141900+SR5SIX 579 > IO80JV B G4UP5
 07141931+SP8MME 57 < 2015 > IO80JV H G4UP5
 07150945 B9QACM 55 > IO80JV H G4UP5
 07150954+SP5ELA 599, SP6HWV 59 > IO80JV H G4UP5
 07150954+SR6SIX 599 > IO80JV B G4UP5
 07151036 SP9HWU 55/55 JO90NH 50.20 S EH8BPX
 07151039 SP9DSD 53/55 JO90 50.20 S EH8BPX
 07151233 SP9EYX 55/55 JO90 50.20 S EH8BPX
 07162002+SP6CWP 55 > IO80JV H G4UP5
 07170517 SP6ASD 599/599 JO81LCR > KM14 C YOTVS
 07171005 SR5SIX 559 > IO80JV B G4UP5
 07171014 SP5CC 579 -1130 > IO80JV H G4UP5
 07171130 SP5ALV/P 55, SP2BNU 559 H G4UP5
 07171322 SP5LCC/9 59/56 KM09BX VIT S G4UP5
 07200854 SP6ASD 579/579 JO81 > KM14 C YOTVS
 07221202 SP2MJE 44 - 2026 > IO80JV H G4UP5
 07221202 SR5SIX 449 - 2026 > IO80JV B G4UP5
 07240740 SR5SIX 579 > IO80JV H G4UP5
 07241118 SP5LCC/9 55/59/559 KM09BX C G4UP5
 07241170 SR5SIX 569-->599 > IO80JV H G4UP5
 07241171 SR5SIX 59+ > IO80JV H G4UP5
 07241172 SP5ALV/P 449 > IO80JV H G4UP5
 07251326 SP6ASD (tropo) > JO66 SM7AED
 07261500+SP1HQW 599 > IO80JV H G4UP5
 07261500+SR5SIX 579 > IO80JV B G4UP5
 07281037 SR5SIX 569 > IO80JV B G4UP5
 07281131+SP6ASD 559 > IO80JV H G4UP5
 07291056 SP1HQW 579/579 JO84ML TED C G4UP5
 07291059 SP2JWV 599/599 JO94GJ IRKE C G4UP5
 07301748 SR5SIX 449 -1753 > IO80JV B G4UP5

PORUTGAL

06171118 CT4KQ 57/55 IM60BP > KM14 S YOTVS
 07031858 CT1FJC 59/55 IM57OC MARK S G4UP5
 07072006 CT1DHM 59/55 IM61CC 50.20 S EH8BPX
 07072010 CT1HB 51/51 IM50X6 50.20 S EH8BPX
 07072012 CT1ETT 51/51 IM51RE 50.20 S EH8BPX
 07091232+CS1ACP 579 > IO80 B G4UP5
 07091232+CT0WN 579 > IO80 B G4UP5
 07091232+CT1HB 59 > IO80 H G4UP5
 07121220 CT1DXV 55/55 IM51PE 50.20 S EH8BPX
 07130902 CT0WN 579 > IO80JV B G4UP5
 07141000 CT0WN > JO66 SM7AED
 07141020 CT0WN 599, CS1ACP 559 > IO80 B G4UP5
 07141021 CT1DXV > JO66 SM7AED
 07141040 CT1DXV 59, CT1BQH 599 > IO80 B G4UP5
 07141114 CT1HB 59+ > IO80JV H G4UP5
 07141145 CT4KQ 599 -1155 > IO80JV H G4UP5
 07151922 CT1DXV 59/59 IM51PE 50.20 S EH8BPX
 07151929 CT1KRF 55/55 IM50 50.20 S EH8BPX
 07161706+CS1ACP 559 > 1840 > IO80JV B G4UP5
 07161706+CT0WN 599 > 1840 > IO80JV B G4UP5
 07161706+CT1HB 59, CT1DXV 59+ > IO80JV H G4UP5
 07161706+CT1DIN 59 > IO80JV H G4UP5
 07161706+CT1HB 59, CT4KQ 599 > IO80 B G4UP5
 07190730 CT1DIN 59/59 IM60 50.20 S EH8BPX
 07241910 CT0WN 599, CS1ACP 559 > IO80 B G4UP5
 07241911 CT1HB 594 -1917 > IO80JV H G4UP5
 07250903 CT1HB 59/59 IM50X6 50.20 S EH8BPX
 07281205 CT0WN 599 > IO80JV B G4UP5
 07281959 CT1KRF 44, CT1HB 59+>IO80JV H G4UP5
 07281959+CT0WN 599 > IO80JV B G4UP5
 07301920 CT0WN 599 -2105 > IO80JV B G4UP5
 07301950 CT1CBI 59 > IO80JV H G4UP5
 07301953 CS1ACP 569 -2105 > IO80JV B G4UP5

06211213 YR7G KM15 > JO65ML W SM7FJE
 07140724 IO7YVS KM14 > JO66 SM7AED
 07141726+Y021S 569 > IO80JV H G4UP5
 07251315 Y0103 KM02 > JO66 SM7AED
 07251338 Y07CQ KM15 > JO66 SM7AED

Russian Federation (Europe)

06080743 RA3YQ 579/599 KM073DG > KM14 C YOTVS
 06101652 R1MV1 59/59 KP40HP > KM14 S YOTVS
 07171440 UA INBAND VIDEO -1550 I G4UP5
 07240735 UA INBAND TV -1135 > IO80JV I G4UP5

SARDINIA

06111342 IO80AGY 59/59 JH49OF > KM14 S YOTVS
 06171740 IO80/IW0URM 59/59 JH40 > KM14 S YOTVS
 06301717 IO80/IW1CGB/P 59/59 JH49 > KM14 S YOTVS
 07031452 IO80AGY 59/59 JH49OF > IO80JV S G4UP5
 07031452+SP100DV 55 > IO80JV H G4UP5
 07130645 IO80QDV JH49 > JO66 SM7AED
 07130756 IO80/I2ADM 59/59 JH40RW>IO80 S G4UP5
 07130825 IO80QDV 59/59 JH49 > KM14 S YOTVS
 07130843 IO80JZ 59/59 JH49PZ REMO S G4UP5
 07130942 IO80AGY/P 59/59 JH48LW> KM14 S YOTVS
 07131120 IO80/I2ADM 59/59 JH40 > KM14 S YOTVS
 07131200 IO80/I2ADM 59 > IO80JV B G4UP5
 07141014 IO80QDV JH49 > JO66 SM7AED
 07141400+IO80/I2ADM 59 > IO80JV H G4UP5
 07150802 IO80VM JH49 > JO66 SM7AED
 07160735 IO80/I2ADM 59/59 JH41 -0745 S G4UP5
 07161207 IO80/I2ADM 59/59 JH41 0745 C YOTVS
 07161958 IO80AGY 59 > IO80JV H G4UP5
 07192017 IO80QDV 55 -2021 > IO80JV H G4UP5
 07201043 IO80/I2ADM JH41 > JO66 SM7AED
 07221014 IO80QDV 59/59 JH49 > KM14 S YOTVS
 07241532 IO80/IW0URM 57/56 JH40JP S G4UP5
 07241605 IO80IHL 59/59 JH49MU MIKE S G4UP5
 07281749+IO80QDV 55 > IO80JV H G4UP5

SCOTLAND

06031412 MM0AMW 51/57 I075EJ > KM14 S YOTVS
 06092023 MM0ALM 599/559 IO87UA> KM14 C YOTVS
 06221630 GM6FO 086 > JO65ML W SM7FJE
 07011322 GB3RMK 599 > IO80JV B G4UP5
 07101404 GM4OBD 599, GM4VBU 59 > IO80 G4UP5
 07102207 MM0AMW, 2219 ON SS8 50.110 C KM14
 07111030 GB3RMK 569 -1036 > IO80JV B G4UP5
 07141000 GM3MCB > JO66 SM7AED
 07151350 GM7XII 59/57 I075TV 50.20 S EH8BPX
 07151602 GM4OBD I087 > JO66 AURORA SM7AED
 07151903 MM0AMW I075 > JO66 AURORA SM7AED

SERBIA

06071432 YU1EU 359/559 KM04DW > KM14 C YOTVS
 06210752 YU050ACR 579/559 KM13DD>KM14 C YOTVS
 07031225+YU1BIX 579 > IO80JV B G4UP5
 07104718 4B1BIX 559 > IO80JV B G4UP5
 07140718 YU1BIX 449 > IO80JV B G4UP5
 07141000 YU1BIX > JO66 SM7AED
 07141400+YU1BIX 579 < 1645 > IO80JV B G4UP5
 07141726+YLAD 59 > IO80JV B G4UP5
 07151311 YU1ABA 559 > IO80JV B G4UP5
 07151311+YU1BIX 559 > IO80JV B G4UP5
 07151318+YU1BIX 579 > IO80JV B G4UP5
 07161600 YU1BIX 569 > IO80JV B G4UP5
 07162002+YU1BIX 559, 4B1SIX 569 S G4UP5
 07162008 YU1VY 59/59 JH94UE VASA S G4UP5
 07162032 YU1ABA 569 > IO80JV B G4UP5
 07172000 YU1ABA 449 > IO80JV H G4UP5
 07201001 YU1ILA 559 > IO80JV H G4UP5
 07201011+4B1BIX 559 > IO80JV B G4UP5
 07201013 YU1ILA 579/579 KM04FZ IAB C G4UP5
 07201030 YU1ILA 57, YU105 559 > IO80JV H G4UP5
 07281000 4B1BIX 579 > IO80JV B G4UP5
 07281833+YU1BIX 559 > IO80JV B G4UP5
 07281838 YU1AU KM04CP ZIKA > IO80JV W G4UP5
 08021610+YU B EA7KW

SICILY

06111237 IT9GAC 599/599 JH77E0 > KM14 C YOTVS
 07011655 IT9HWD 55 > IO80JV H G4UP5
 07130722 IT9KRS 59/59 JH68QC > KM14 S YOTVS
 07130906 IT9HWD 59/59 JH68D0 > KM14 S YOTVS
 07130916 IT9PME 59/59 JH68PE > KM14 S YOTVS
 07191338 IT9HWD JH68 > JO66 SM7AED
 07281749 IT9KRS 59 > IO80JV H G4UP5
 07281810 IT9KRS JH68 > JO66 SM7AED

SLOVAKIA

06040551 OM3ZAS 59/59 KM08PQ > KM14 S YOTVS
 07010103 OM3ZAS 55 -1105 > IO80JV H G4UP5

07150954 OM2E2 59/59 JH88MG RADO S G4UP5
 07171314 OM3BH 59/59 JH99FE RASTA S G4UP5
 07171423 OM5MH 59/59 JH88B PAVEL C G4UP5
 07171426 OM3EAS 59/59 JH88PQ PAVEL S G4UP5
 07221052 OM2DX 59/59 JH88MG MIKE S G4UP5
 07241007+OM3EAS 57 > IO80JV H G4UP5

SLOVENIA

07031234+851MQ 57 < 1300 > IO80JV H G4UP5
 07130714+55 > IO80JV H G4UP5
 07140724 857AC 59/59 JH76TM BOJAN S G4UP5
 07140754 851UF 57/44 JH76UP > IO80JV S G4UP5
 07141000+851LAG 59, 851UW 579 > IO80 H G4UP5
 07141726+853EW 599 > IO80JV H G4UP5
 07141900+851UF 559 > IO80JV H G4UP5
 07151030+851UF 55 > IO80JV H G4UP5
 07162002+851UV 559 > IO80JV H G4UP5
 07162032+852NR 59 > IO80JV H G4UP5
 07162032+852NR 59 > IO80JV H G4UP5

07192000 857MC 51/55 JH86DT 50.20 S EH8BPX
 07192029 851UF 55/59 JH76UP 50.20 S EH8BPX
 07192032 859P 59/59 JH65 50.20 S EH8BPX
 07201030+851UF 599 > IO80JV H G4UP5
 07240756 851UL 599/599 RUDI > IO80JV C G4UP5
 07270910 851UL JH76 > JO66 SM7AED
 07280759 855ERS 449 > IO80JV 50.015 G4UP5
 07281752 852EW 599/599 JH86BQ FREDI C G4UP5

SPAIN

06161117 EH3CUU 599/599 JH12FE > KM14 C YOTVS
 06161202 EH3DUD 29/59 JH12LD > KM14 S YOTVS
 06161536 EH3DUD 59/58 JH12LG > KM14 S YOTVS
 06171908 EH1EH 599/599 JH82PO > KM14 C YOTVS
 06211626 EH3DUD 59/59 JH12LD > KM14 S YOTVS
 06251228 EH3CUU 599/569 JH12FE> KM14 C YOTVS
 06290834 EH5YB/EH3 59/59 JH01 59 > IO80JV B G4UP5
 06290858 EH3EM 59/57 JH11CM > KM14 S YOTVS
 07021401 EH7AH 59/59 IM67 50.20 S EH8BPX
 07021429 EH1TA 59/59 IM5361 50.20 S EH8BPX
 07021429 EH1TA 59/59 IM98BX 50.20 S EH8BPX
 07091154 EH1BLA 57/57 IM53UM > IO80 S G4UP5
 07091232+EA INBAND TV STRONG > IO80JV I G4UP5
 07109154 EH1HUV 59/59 BARCELONA > IO80 I G4UP5
 07130714+EH3CUU 599 > IO80JV B G4UP5
 07130714+EH3CUU 599 > IO80JV H G4UP5
 07141030 EH1HUV 59/59 IM67HI > IO80JV B G4UP5
 07141030 EH1HUV 59/59 IM67HI > IO80JV H G4UP5
 07141040 EH4H4HI 59 > IO80JV B G4UP5
 07141053+EH3CUU 559 > IO80JV I G4UP5
 07141200 EH1BLA 44, EH91B 44 > IO80 JV H G4UP5
 07141315 EH7L7 55 > IO80JV H G4UP5
 07141350 EH1KV 599/599 IM51 55 > IO80 JV H G4UP5
 07141503 EH1HUV 599/599 IM52 ANDRES C G4UP5
 07141520 EH5/1FLA 59/59 IM98XO>IO80 S G4UP5
 07150846+EH3CUU 579 > IO80JV B G4UP5
 07151200 EH3CUU 599++ -1300 > IO80JV G4UP5
 07161706+EH4H4HI 59, EH7KW 599 > IO80JV H G4UP5
 07161738 EH1EH 55/55 IM82PO 50.20 S EH8BPX
 07161738 EH1YV 55 > IO80JV H G4UP5
 07171914 EH1TA 59/59 IM53 50.20 S EH8BPX
 07192010 EH7KW 59/59 IM77 50.20 S EH8BPX
 07192036 EH5DIT 59/59 IM99CD 50.20 S EH8BPX
 07201040 EH5YB/p JH01 > JO66 SM7AED
 07221026 EH4CAC 33---> IO80JV H G4UP5
 07221120 EH3CUU 599/599 JH12FE> KM14 C YOTVS
 07221154 EH3DUD 59/59 JH12 59 > KM14 S YOTVS
 07221256 EH7KW 59/59 IM67XI 50.20 S EH8BPX
 07281129 EH1EH 599/599 IM82 > IO80JV C G4UP5
 07281959+EH1TA 59 -2016 > IO80JV B G4UP5
 07301920+EH1TA 59 > IO80JV H G4UP5
 07301932 EH1APP 59/59 IM52OC ALFOMBO S G4UP5
 07311601 EH4 59/59 YU1UW KM04CP ZIKA > IO80JV W G4UP5

SWEDEN

06030707 SM5SMH 59/57 J089TW > KM14 S YOTVS
 06030709 SM3VEE 55/57 J075AM > KM14 S YOTVS
 06030709 SM3VEE 55/45 JP81EI > KM14 C YOTVS
 06030806 SM7TEK 59/55 JO77ML > KM14 S YOTVS
 06040459 SM7AED 59/59 ARME > KM14 S YOTVS
 06040554 SM7UUL 59/59 J076OD > KM14 S YOTVS
 06060627 SM1BSA 59/59 J09710 > KM14 C YOTVS
 06080658 SM7WDS 59/57 JO66W > KM14 S YOTVS
 06080701 SM7CMV 59/57 J075AM > KM14 S YOTVS
 06080718 SM7VHS 59/56 JO76LN > KM14 S YOTVS
 06080726 SM7EJ 59/59 J065ML > KM14 S YOTVS
 06190182 SMOKC 57/59 JO99AK > KM14 S YOTVS
 06190185 SM1BSA 599/599 J09710 > KM14 C YOTVS
 06191015 SM7UQ 59/59 J065PO > KM14 S YOTVS
 06211137 SM6CMU 599/599 J057KK > KM14 C YOTVS
 06211142 SM7AED 599/599 J065NP > KM14 C YOTVS
 06211144 SM0RLV 599/599 J089UL > KM14 C YOTVS
 06231108 SM7BAE 59/59 > KM14 S YOTVS
 06240735 SM7FTE 59/59 J065 > KM14 S YOTVS
 06240752 SM6TSX 59/59 J067EE > KM14 S YOTVS
 06241652 SM3QY 59/56 JP81FI > KM14 S YOTVS
 06241702 SM5CEK 599/579 J089KG > KM14 C YOTVS
 06241722 SM0EQL 59/59 J089UL > KM14 S YOTVS
 07010752 SM7AED 599/599 > IO80JV C G4UP5
 07020740 SM7AED 579/579 > IO80JV C G4UP5
 07050748 SM7AED 579/549 JO66 > IO80JV C G4UP5
 07061104 SM7AED 579 > 50.125 H G4UP5
 07070748 SM7AED 559/559 JO66 > IO80JV C G4UP5
 07080747 SM7AED 579/459 JO66 > IO80JV C G4UP5
 07100812 SM7EJ 59/59 > KM14 S YOTVS
 07101105 SM3XIS 599 > IO80JV B G4UP5
 07101117 SM7CMV 59/59 J075 KEN > KM14 S G4UP5
 07101127 SM7WDS 59/59 GEORGE > KM14 S G4UP5
 07101141 SM6CMU 599, SM4HBJ 59 > KM14 S G4UP5
 07101305 SM7AIS 1078 > JO66 SM7AED
 07101337 SM0DJ 59/59 JO89VW JOHN > KM14 S G4UP5
 07101337+SM3GG 579 > IO80JV B G4UP5
 07110103 SM3XIS 599 > IO80JV B G4UP5
 07120742 SM7AED/ 569/569 JO66 > IO80 C G4UP5
 07121035 SM1BSA 599/599 J09710 ARME > KM14 C YOTVS
 07121059 SM1BSA 599/599 J09710 ARME > KM14 C YOTVS
 07121118+SM3VEE 59, SM3EQY 59 > IO80 S G4UP5
 07121118+SM7BCJ 579 > IO80JV B G4UP5
 07121200+SM0ELV, SM3UGF, SM0GJK, SM7TJK H G4UP5
 07121225 SM0CHH/ 59/59 J057Q PAUL > KM14 S G4UP5

07121247 SM3VEE 51/55 JP81 50.20 S EH8BPK 07101300 VE1PE 559/529 DOUG > IO80JV C G4UPS 07141540 XEFE 2 TAMS 1026 T K1MOD/9
 07121248 SM3JGG 51/55 50.20 S EH8BPK 07101313 VE1PE FB85 > JO66 S SM7AED 07171636 XELE 4 CI 1265 T K1MOD/9
 07121251 SM3EYO 55/59 JP81FI 50.20 S EH8BPK 07101319 VE1YX FB74 > JO66 SM7AED 07191800 XE2UZL, XE1KK, XE2HNB B K6QXV
 07121302 SM7FJE 55/55 JO65 50.20 S EH8BPK 07101529 VE1PE STILL 559 > IO80JV H G4UPS 07211630 XEW 2z T K1MOD/9
 07121308 SM4DHR 51/55 JP64VD 50.20 S EH8BPK 07121118 VE9AA FB65 > JO65ML W SM7FJE 07211700 X 4 T K1MOD/9
 07140725 SM7AED 599/599 ARHE > K114 C YOTVS 07121122 VE1EJ FB95 > JO65ML W SM7FJE 07232330 XHNP 3 COAH 1026 T K1MOD/9
 07140910 SM7SPG 59/59 JO66MD 50.20 S EH8BPK 07121126 VE1RAA FB84 > JO65ML W SM7FJE 07232330 XHNP 984 T K1MOD/9
 07150727 SM3GSK 599/599 JP81JKE K114 C YOTVS 07121135 VE1PE FB85 > JO65ML W SM7FJE 07260115 XEW 4 JAL > LA TV4 1003 T OGLETMO
 07150730 SM3JGG 599/599 JP71TQJ K114 C YOTVS 07131629 C 2 PQ FRENCH > IL T SHULTS 07260502 XE2UZL 165' DM10 50.027 B VE75KA
 07150738 SM3VEE 59/59 JP81EI 50.20 S YOTVS 07131800 CFAP 2 PQ > IL T SHULTS 07261405 unID 2,4 MEXICO > LA T OGLETMO
 07150751 SM4POB 59/59 JP70FK > K114 S YOTVS 07151709 VE1PE 339 WKG Q4HEA> IO80JV H G4UPS 07261405 XHMEH 4 YUC > LA 830 T OGLETMO
 07150807 SMOGJK 59/57 JO99IIU > K114 S YOTVS 07151823 VE9AA 41/53 FB65RR 50.20 S EH8BPK 07261425 XH 2 YUC > LA 830 T OGLETMO
 07151027 SM7UR 55/55 JO77WJ 50.20 S EH8BPK 07151825 VE1PE 59/57 FB85QR 50.20 S EH8BPK 07261505 unID 2 MEXICO XEW T OGLETMO
 07151029 SM7AED 59/59 JO66JIO 50.20 S EH8BPK 07151834 VE1EJ 53/53 FB84 50.20 S EH8BPK 07261555 unID 3 SS XHTV ID T KRUZSKA
 07151030 SM7WC1 59/59 JO66KF 50.20 S EH8BPK 07151900 VE1DK 51/52 FB84 50.20 S EH8BPK 07261645 XHG 4 JAL > LA 1003 T OGLETMO
 07151034 SM7BAK 59/59 JO65OP 50.20 S EH8BPK 07151903 VE1CSM 51/51 FB75 50.20 S EH8BPK 07271837 XEFPB 2 NL 1162 T K1MOD/9
 07151034 SM7CNV 59/59 JO75AM 50.20 S EH8BPK 07151907 VE1II 59/57 FB84LS 50.20 S EH8BPK 07291715 unID 2 MEXICO XEW T OGLETMO
 07151037 SM7WC1 55/55 JO66KF 50.20 S EH8BPK 07151915 VE1RJ 55/54 FB84 50.20 S EH8BPK 07291726 XHMEH 4 TAM > LA T OGLETMO
 07151541 SM3GSK JP81 > JO66 AURORA SM7AED 07151920 VE1YX 56/55 FB74PJ 50.20 S EH8BPK 08040312 XE2UZL 2 QAX > LA 950 T OGLETMO
 07151545 SM0CKR JO99 > JO66 AURORA SM7AED 07151925 VE1RAA 55/55 FB84IQ 50.20 S EH8BPK 08040430 XE2UZL > CM85 B N7DB
 07151550 SM3JGG JP71 > JO66 AURORA SM7AED 07152204 VE1EJ 559, WKD#2212 559/529 C G4UPS 08061600 X 2 T K1MOD/9
 07151558 SM3HRY JP82 > JO65ML W SM7FJE 07152221 VE1PE 559 > IO80JV H G4UPS 08061726 XEPM 2 CH 1067 T K1MOD/9
 07161605+SM3SIX 599 > IO80JV B G4UPS 07162225 C 3 > IL T SHULTS 08262348 XE2UZL 185' DM10 50.027 B VE75KA
 07161612 SM3GSK 599/599 JP81EB CLAS C G4UPS 07162335 CFPT 2 PQ > IL T SHULTS 08262320 XE2UZL DM10> CM85 > 0123 B N7DB
 07161632+SM6VTK 59, SM7VBS 59 H G4UPS 07171814 VE1II 579/519 FB84 JACK C G4UPS
 07161632+SM7WDE 59, SM7VBS 59 H G4UPS 07171821+VE1PE 579 > IO80JV H G4UPS
 07161706+SM4HEJ 59 > IO80JV H G4UPS 07171836 VE1AA 559/529 FB65 MIKE C G4UPS
 07170600 SM7FJE 599/559 100W# > K114 C YOTVS 07232235 CXPR 2 OR > LA 1130 T OGLETMO
 07170630 SM7WC1 59/51 JO66KF > K114 S YOTVS 08010100 VE8BY 559 > FM23 AUE 50.048 WA2AEY
 07171130+SM3SIX 599 -1300 > IO80JV B G4UPS 08010238 VE8B > K113 50.125 W W7XU/0
 07171150 SM3GSK 59/59 JP81 CLAS S G4UPS 08050116 VE8BY IN/OUT > FB65 B VE9AA
 07171550 SM1B6A 579 > IO80JV H G4UPS 08050248 VE1PE AU BS > FB65 W VE9AA
 07172055 SM7FJE 57/59 JO65 50.20 S EH8BPK 08050250 VE2PFP, VE2YH AU BS > FB65 H VE9AA
 07172104 SM7FJE 59/59 JO65ML 50.20 S EH8BPK
 07172111 SM7KOL 51/53 JO66SC 50.20 S EH8BPK
 07172121 SM0LCB/5 51/51 J-78TG 50.20 S EH8BPK
 07172125 SM7CNV 51/57 JO75AM 50.20 S EH8BPK
 07190800 SM7AED 599/599 JO65 ARHE C G4UPS
 07190801 SM7FJE 579/579 JO65 BO C G4UPS
 07200720 SM7WDE 59/59 GEORGE > K114 S YOTVS
 07210255 SM3VEE JP82 (trop) > JO66 SM7AED
 07220813 SM2HMT K907 > JO66 SM7AED
 07220903 SM3RPP JP74 > JO66 SM7AED
 07222029 SM4HEJ JO69 > JO66 SM7AED
 07240900 SM3SIX 599 > IO80JV B G4UPS
 07240900+SM3GSK 59 > IO80JV H G4UPS
 07240934+SM3VEE 59 > IO80JV H G4UPS
 07241035 SM3RPP 599 > IO80JV H G4UPS
 07260754 SM7AED 599/449 > IO80JV H G4UPS
 07261030 SMOGJK 59 > IO80JV H G4UPS
 07261039+SM5AMU 59 > IO80JV H G4UPS
 07261054+SM7WDE 59 > IO80JV H G4UPS
 07261505+SM7RYO 59 > IO80JV H G4UPS
 07261545 SM1B6A 599/599 JO97 ARHE C G4UPS
 07261619 SM7RME 579/579 JO77LP THOR C G4UPS

SWITZERLAND

06040838 HB9HFK 599/599 JN36LQ> K114 C YOTVS
 06041124 HB9AM1 599/599 JN47EJ> K114 C YOTVS
 06171827 HB9BA2 55/52 JN36 > K114 S YOTVS
 07071543 HB9/PE1EVI > JO66 SM7AED
 07101141+HB9JMA 57 > IO80JV H G4UPS
 07130728+HB9STY 59 > IO80JV H G4UPS
 07141058+HB9QAO 59 > IO80JV H G4UPS
 07141737 HB9QQ 599/599 JN47KJ PIERRE C G4UPS

UKRAINE

06041135 UR4LL 59/59 K070 > K114 S YOTVS
 06160449 UR4LL 57/55 K070 > K114 S YOTVS
 07010073 UR4LL 55/55 K070 > K114 S YOTVS
 07220000 WALES

06171933 GW3JSV 599/239 IO82J0> K114 C YOTVS
 07101558 GW3MFY I081 > FM53 50.102 C K114
 07101612 GW3JXK > FM53 50.100 C K114
 07171300 GW3RME 579/559 IO82KX> K114 C YOTVS
 07171845 GW3MFY I081 > FM53 50.102 C K114
 07172249 GW1MCD 51/54 IO81LP 50.20 S EH8BPK
 07172250 GW7SMV 31/53 IC81 50.20 S EH8BPK
 07261321 GW3JXH I072 > JO66 SM7AED

Reports of North America

This month's TV and FM DX reports via Es were submitted by Pat Dyer, WA5IYX, San Antonio, TX; Danny Oglethorpe, Shreveport, LA; Jeff Kruska, Baton Rouge, LA; Marvin Shutls, Toulon, IL; Jeff Kadet, K1MOD/9, Macomb, IL and Mike Cherry, VE7SKA.

Eastern Canada: VE8B was the call of a DXpedition to Governor Island in James Bay. They ran only 10W#, and, I see, had at least one QSO on 6m (on their final day).

06261857 CII2t 2 OM T K1MOD/9
 07051500 VE3 K6QXV
 07051838 CBC 2 T K1MOD/9
 07051900 FPC T K1MOD/9
 07100922 VE1PE 57 T SP3UCA

5 W K1MOD/9
 6 W K1MOD/9
 7 W K1MOD/9
 8 W K1MOD/9

07121247 SM3VEE 51/55 JP81 50.20 S EH8BPK 07101300 VE1PE 559/529 DOUG > IO80JV C G4UPS 07141540 XEFE 2 TAMS 1026 T K1MOD/9
 07121248 SM3JGG 51/55 50.20 S EH8BPK 07101313 VE1PE FB85 > JO66 S SM7AED 07171636 XELE 4 CI 1265 T K1MOD/9
 07121251 SM3EYO 55/59 JP81FI 50.20 S EH8BPK 07101319 VE1YX FB74 > JO66 SM7AED 07191800 XE2UZL, XE1KK, XE2HNB B K6QXV
 07121302 SM7FJE 55/55 JO65 50.20 S EH8BPK 07101529 VE1PE STILL 559 > IO80JV H G4UPS 07211630 XEW 2z T K1MOD/9
 07121308 SM4DHR 51/55 JP64VD 50.20 S EH8BPK 07121118 VE9AA FB65 > JO65ML W SM7FJE 07212100 X 4 T K1MOD/9
 07140725 SM7AED 599/599 ARHE > K114 C YOTVS 07121122 VE1EJ FB95 > JO65ML W SM7FJE 07232330 XHNP 3 COAH 1026 T K1MOD/9
 07140910 SM7SPG 59/59 JO66MD 50.20 S EH8BPK 07121126 VE1RAA FB84 > JO65ML W SM7FJE 07232330 XHNP 984 T K1MOD/9
 07150727 SM3GSK 599/599 JP81JKE K114 C YOTVS 07121135 VE1PE FB85 > JO65ML W SM7FJE 07260115 XEW 4 JAL > LA TV4 1003 T OGLETMO
 07150730 SM3JGG 599/599 JP71TQJ K114 C YOTVS 07131629 C 2 PQ FRENCH > IL T SHULTS 07260502 XE2UZL 165' DM10 50.027 B VE75KA
 07150738 SM3VEE 59/59 JP81EI 50.20 S YOTVS 07131800 CFAP 2 PQ > IL T SHULTS 07261405 unID 2,4 MEXICO > LA T OGLETMO
 07150751 SM4POB 59/59 JP70FK > K114 S YOTVS 07151709 VE1PE 339 WKG Q4HEA> IO80JV H G4UPS 07261405 XHMEH 4 YUC > LA 830 T OGLETMO
 07150807 SMOGJK 59/57 JO99IIU > K114 S YOTVS 07151823 VE9AA 41/53 FB65RR 50.20 S EH8BPK 07261425 XH 2 YUC > LA 830 T OGLETMO
 07151027 SM7UR 55/55 JO77WJ 50.20 S EH8BPK 07151825 VE1PE 59/57 FB85QR 50.20 S EH8BPK 07261505 unID 2 MEXICO XEW T OGLETMO
 07151029 SM7AED 59/59 JO66JIO 50.20 S EH8BPK 07151834 VE1EJ 53/53 FB84 50.20 S EH8BPK 07261645 XHG 4 JAL > LA 1003 T OGLETMO
 07151030 SM7WC1 59/59 JO66KF 50.20 S EH8BPK 07151900 VE1DK 51/52 FB84 50.20 S EH8BPK 07261837 XEFPB 2 NL 1162 T K1MOD/9
 07151034 SM7BAK 59/59 JO65OP 50.20 S EH8BPK 07151903 VE1CSM 51/51 FB75 50.20 S EH8BPK 07291715 unID 2 MEXICO XEW T OGLETMO
 07151034 SM7CNV 59/59 JO75AM 50.20 S EH8BPK 07151907 VE1II 59/57 FB84LS 50.20 S EH8BPK 07291726 XHMEH 4 TAM > LA T OGLETMO
 07151037 SM7WC1 55/55 JO66KF 50.20 S EH8BPK 07151915 VE1RJ 55/54 FB84 50.20 S EH8BPK 08040312 XE2UZL 2 QAX > LA 950 T OGLETMO
 07161605+SM3SIX 59, SM7VBS 59 H G4UPS 07171814 VE1II 579/519 FB84 JACK C G4UPS
 07161632+SM7WDE 59, SM7VBS 59 H G4UPS 07171821+VE1PE 579 > IO80JV H G4UPS
 07161706+SM4HEJ 59 > IO80JV H G4UPS 07171836 VE1AA 559/529 FB65 MIKE C G4UPS
 07170600 SM7FJE 599/559 100W# > K114 C YOTVS 07232235 CXPR 2 OR > LA 1130 T OGLETMO
 07170630 SM7WC1 59/51 JO66KF > K114 S YOTVS 08010100 VE8BY 559 > FM23 AUE 50.048 WA2AEY
 07171130+SM3SIX 599 -1300 > IO80JV B G4UPS 08010238 VE8B > K113 50.125 W W7XU/0
 07171150 SM3GSK 59/59 JP81 CLAS S G4UPS 08050116 VE8BY IN/OUT > FB65 B VE9AA
 07171550 SM1B6A 579 > IO80JV H G4UPS 08050248 VE3DPB Es > FB65 W VE9AA
 07172055 SM7FJE 57/59 JO65 50.20 S EH8BPK 08050302 VE2PFP, VE2YH AU BS > FB65 H VE9AA
 07172104 SM7FJE 59/59 JO65ML 50.20 S EH8BPK
 07172111 SM7KOL 51/53 JO66SC 50.20 S EH8BPK
 07172121 SM0LCB/5 51/51 J-78TG 50.20 S EH8BPK
 07172125 SM7CNV 51/57 JO75AM 50.20 S EH8BPK
 07190800 SM7AED 599/599 JO65 ARHE C G4UPS
 07190801 SM7FJE 579/579 JO65 BO C G4UPS
 07200720 SM7WDE 59/59 GEORGE > K114 S YOTVS
 07210255 SM3VEE JP82 (trop) > JO66 SM7AED
 07220813 SM2HMT K907 > JO66 SM7AED
 07220903 SM3RPP JP74 > JO66 SM7AED
 07222029 SM4HEJ JO69 > JO66 SM7AED
 07240900 SM3SIX 599 > IO80JV B G4UPS
 07240900+SM3GSK 59 > IO80JV H G4UPS
 07240934+SM3VEE 59 > IO80JV H G4UPS
 07241035 SM3RPP 599 > IO80JV H G4UPS
 07260754 SM7AED 599/449 > IO80JV H G4UPS
 07261030 SMOGJK 59 > IO80JV H G4UPS
 07261039+SM5AMU 59 > IO80JV H G4UPS
 07261054+SM7WDE 59 > IO80JV H G4UPS
 07261505+SM7RYO 59 > IO80JV H G4UPS
 07261545 SM1B6A 599/599 JO97 ARHE C G4UPS
 07261619 SM7RME 579/579 JO77LP THOR C G4UPS

07101300 VE1PE 559/529 DOUG > IO80JV C G4UPS 07141540 XEFE 2 TAMS 1026 T K1MOD/9
 07101313 VE1PE FB85 > JO66 S SM7AED 07171636 XELE 4 CI 1265 T K1MOD/9
 07101319 VE1YX FB74 > JO66 SM7AED 07191800 XE2UZL, XE1KK, XE2HNB B K6QXV
 07101529 VE1PE STILL 559 > IO80JV H G4UPS 07211630 XEW 2z T K1MOD/9
 07101530 VE1PE FB85 > JO66 SM7AED 07232330 XHNP 3 COAH 1026 T K1MOD/9
 07101534 VE1EJ FB95 > JO65ML W SM7FJE 07232330 XHNP 984 T K1MOD/9
 07101535 VE1RAA FB84 > JO65ML W SM7FJE 07260115 XEW 4 JAL > LA TV4 1003 T OGLETMO
 07101537 VE1PE FB85 > JO65ML W SM7FJE 07260502 XE2UZL 165' DM10 50.027 B VE75KA
 07101540 VE1PE 2 PQ FRENCH > IL T SHULTS 07261405 XHMEH 4 YUC > LA 830 T OGLETMO
 07101545 VE1PE 339 WKG Q4HEA> IO80JV H G4UPS 07261425 XH 2 YUC > LA 830 T OGLETMO
 07101553 VE1PE 41/53 FB65RR 50.20 S EH8BPK 07261505 unID 2 MEXICO XEW T OGLETMO
 07101553 VE1PE 59/55 FB23 AUE 50.048 WA2AEY 07261555 unID 3 SS XHTV ID T KRUZSKA
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07261645 XHG 4 JAL > LA 1003 T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07271837 XEFPB 2 NL 1162 T K1MOD/9
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07291715 unID 2 MEXICO XEW T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07291726 XHMEH 4 TAM > LA T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08040312 XE2UZL 2 QAX > LA 950 T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08061600 X 2 T K1MOD/9
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08061726 XEPM 2 CH 1067 T K1MOD/9
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08262348 XE2UZL 185' DM10 50.027 B VE75KA
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08262320 XE2UZL DM10> CM85 > 0123 B N7DB

07101300 VE1PE 559/529 DOUG > IO80JV C G4UPS 07141540 XEFE 2 TAMS 1026 T K1MOD/9
 07101313 VE1PE FB85 > JO66 S SM7AED 07171636 XELE 4 CI 1265 T K1MOD/9
 07101319 VE1YX FB74 > JO66 SM7AED 07191800 XE2UZL, XE1KK, XE2HNB B K6QXV
 07101529 VE1PE STILL 559 > IO80JV H G4UPS 07211630 XEW 2z T K1MOD/9
 07101530 VE1PE FB85 > JO66 SM7AED 07232330 XHNP 3 COAH 1026 T K1MOD/9
 07101534 VE1EJ FB95 > JO65ML W SM7FJE 07232330 XHNP 984 T K1MOD/9
 07101535 VE1RAA FB84 > JO65ML W SM7FJE 07260115 XEW 4 JAL > LA TV4 1003 T OGLETMO
 07101537 VE1PE FB85 > JO65ML W SM7FJE 07260502 XE2UZL 165' DM10 50.027 B VE75KA
 07101540 VE1PE 2 PQ FRENCH > IL T SHULTS 07261405 XHMEH 4 YUC > LA 830 T OGLETMO
 07101545 VE1PE 339 WKG Q4HEA> IO80JV H G4UPS 07261425 XH 2 YUC > LA 830 T OGLETMO
 07101553 VE1PE 59/55 FB23 AUE 50.048 WA2AEY 07261505 unID 2 MEXICO XEW T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07261555 unID 3 SS XHTV ID T KRUZSKA
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07261645 XHG 4 JAL > LA 1003 T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07271837 XEFPB 2 NL 1162 T K1MOD/9
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07291715 unID 2 MEXICO XEW T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07291726 XHMEH 4 TAM > LA T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08040312 XE2UZL 2 QAX > LA 950 T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08061600 X 2 T K1MOD/9
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08061726 XEPM 2 CH 1067 T K1MOD/9
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08262348 XE2UZL 185' DM10 50.027 B VE75KA
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08262320 XE2UZL DM10> CM85 > 0123 B N7DB

07101300 VE1PE 559/529 DOUG > IO80JV C G4UPS 07141540 XEFE 2 TAMS 1026 T K1MOD/9
 07101313 VE1PE FB85 > JO66 S SM7AED 07171636 XELE 4 CI 1265 T K1MOD/9
 07101319 VE1YX FB74 > JO66 SM7AED 07191800 XE2UZL, XE1KK, XE2HNB B K6QXV
 07101529 VE1PE STILL 559 > IO80JV H G4UPS 07211630 XEW 2z T K1MOD/9
 07101530 VE1PE FB85 > JO66 SM7AED 07232330 XHNP 3 COAH 1026 T K1MOD/9
 07101534 VE1EJ FB95 > JO65ML W SM7FJE 07232330 XHNP 984 T K1MOD/9
 07101535 VE1RAA FB84 > JO65ML W SM7FJE 07260115 XEW 4 JAL > LA TV4 1003 T OGLETMO
 07101537 VE1PE FB85 > JO65ML W SM7FJE 07260502 XE2UZL 165' DM10 50.027 B VE75KA
 07101540 VE1PE 2 PQ FRENCH > IL T SHULTS 07261405 XHMEH 4 YUC > LA 830 T OGLETMO
 07101545 VE1PE 339 WKG Q4HEA> IO80JV H G4UPS 07261425 XH 2 YUC > LA 830 T OGLETMO
 07101553 VE1PE 59/55 FB23 AUE 50.048 WA2AEY 07261505 unID 2 MEXICO XEW T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07261555 unID 3 SS XHTV ID T KRUZSKA
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07261645 XHG 4 JAL > LA 1003 T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07271837 XEFPB 2 NL 1162 T K1MOD/9
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07291715 unID 2 MEXICO XEW T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 07291726 XHMEH 4 TAM > LA T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08040312 XE2UZL 2 QAX > LA 950 T OGLETMO
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08061600 X 2 T K1MOD/9
 07101553 VE1PE 559/529 FB84IQ 50.20 S EH8BPK 08061726 XEPM 2 CH 1067 T K1MOD/9
 07101553 VE1PE 559/529 FB

06261800 WRC	4 DC	730 T K1MOD/9	07261647 WVOH	GA Hazelhurst 93.5 ° F	W5IYX	08140158 6GMV	175°	DN04	50.130 S	VE7SKA
06261857 WUWC	4 NC	702 T K1MOD/9	07261651 WKLQ	FL Jacksonville 96.9 ° F	GARCIA	08140159 KCRSA	3 CA	175° >	CA	CE88
07051500 W3 MD		K6QXY	07261653 WJKB	TN Knoxville 97.5 ° F	GARCIA	08140159 W6KE	175°	CN97	50.125 S	VE7SKA
07101554 WA3TBG		> IO80JV H G4UP	07261655 WSKX	GA Hinesville 92.3 ° F	W5IYX	08140200 KTVU	2 CA	175° >	CN88	TE7SKA
07231620 KDKA	2 PA	> LA 945 T OGLETHO	07261705 WISK	GA Baxley 94.5 ° F	W5IYX	08140201 KBEHAN	175°	CN87	50.125 S	VE7SKA
07231625 WRC	4 DC	> LA 1042 T OGLETHO	07261706 WLW	SC Hilton Head 107.9 ° F	W5IYX	08140203 AB6PY	175°	CN88	50.125 S	VE7SKA
07231635 WTTG	5 DC	> LA 1042 T OGLETHO	07261715 WFOR	4 FL 745 T KRUSKA		08140209 K6QXY	175°	CN88	50.150 S	VE7SKA
07231640 WMAR	2 MD	> LA 1072 T OGLETHO	07261720 WMMO	FL Orlando 98.9 ° F	W5IYX	08171223 KTVU?	2 CA	WEAK	55.26 V	EK8A
07231720 WTAE	4 PA	> LA 945 T OGLETHO	07261720 WVLK	KY Lexington 92.9 ° F	GARCIA	08262332 K6JJK				W7DB
07251845 WMAR	2 MD	> LA 1072 T OGLETHO	07261721 WPCH	GA Atlanta 94.9 ° F	W5IYX	08262355 K6EHR0	185°	DM12>CN88	.125 S	VE7SKA
07261600+W3 MD		> EL83 W CO2OJ	07261723 WHTQ	FL Orlando 96.5 ° F	W5IYX	08270002 K06CV	52 DM13 >	CN85		W7DB
07270155 WMAR	2 MD	> LA 1072 T OGLETHO	07261728 WEDU	3 FL 550 T KRUSKA		08270007 K6EHR0	59 DM12 >	CN85		W7DB
07270223 WRC	4 DC	> LA 1042 T OGLETHO	07261728 WFOY?	FL? St. Augusti 105.5 ° F	GARCIA	08270101 K6JJK	58 DM12 >	CN85		W7DB
07270223 WTTG	5 DC	> LA 1042 T OGLETHO	07261733 WOKA	GA Douglas 106.7 ° F	GARCIA					
07302110 WMAR	2 MD	> LA 1072 T OGLETHO	07261740 WERK	NC Charlotte 95.1 ° F	GARCIA					
08012030 KDKA	2 PA	> LA 945 T OGLETHO	07261745 WJST	FL Port St. J 94.5 ° F	GARCIA					
08012215 WTAE	4 PA	> LA 945 T OGLETHO	07261750 WSEK	KY Somersett 97.1 ° F	GARCIA					
08021706 WRC	5 DC	"Fox 5"	07261757 WJAB	AL Huntsville 90.9 ° F	GARCIA					
08021706 WTTG	4 DC	"Wild About	07261759 WFSU	FL Tallahassee 88.9 ° F	GARCIA					
08021757 KDKA	2 PA	Pittsburgh	07261811 WKLQ	FL Jacksonville 96.9 ° F	W5IYX					
08041430 W3 FM19			07261815+K4RQW FM03	444 W CO2OJ						
08042130+WA3TBG	<2330		07261815+K4W4KXN	KD4UPE FM08>EL83						
08121258 KWY	3 PA	> IL T BHULTS	07261815 W4GIO	444 W CO2OJ						
08270235 WA3WUL		DE FM29 > DN70MQ	W KOGU	07261815+K4W4KXN						
United States, W4										
06281750 WESH	2 FL	956 T K1MOD/9	07270325 WESH	2 FL > LA 789 T OGLETHO						
07011645 W4 (SPOTTY)			07270325 WESH	2 FL > LA 789 T OGLETHO						
07141500 W4			07292158 K6QXY	2 FL > LA 789 T OGLETHO						
07152235 KJ4E 339			07292218 K4CIA	2 FL > LA 789 T OGLETHO						
07180030 WEDU	3 FL	1054 T K1MOD/9	07302109 WBTV	3 NC Charlotte 105.3 ° F	W5IYX	07011900 W7 WA, NY				
07180030 WFBT	2 FL	1168 T K1MOD/9	07302109 WBTV	3 NC Charlotte 105.3 ° F	W5IYX	07022329 KVOA	4 AZ		1240 T K1MOD/9	
07231600 WCBD	2 SC	> LA 805 T OGLETHO	07302132 WMMU	SC Greenville 94.5 ° F	W5IYX	07041500 W7 WA, MT				
07231650 WYFF	4 SC	> LA 676 T OGLETHO	07302137 WESC	SC Greenville 92.5 ° F	W5IYX	07051500 W7 WAH				
07231653 WSCS	5 SC	> LA 805 T OGLETHO	08012248 W4	> EN35 H KOGJK		07051729 KGWL	5 WY			
07231653 WUWC	4 NC	> LA 875 T OGLETHO	08021629 WWAJ	3 NC Wilmington 96.5 ° F	W5IYX	07051729 KIDK	3 ID			
07231654 WWRV			08021653 WFLB	EC Laurinburg 96.5 ° F	W5IYX	07051730 KTWO	2 WY			
07231656 WRAL	5 NC	> LA 896 T OGLETHO	08021655 WUND	2 NC Columbia >1300m 95.5 ° F	W5IYX	07051830 KBCI	2 ID			
07231710 WUND	2 NC	> LA 1031 T OGLETHO	08021700 WBTV	3 NC Charlotte 95.5 ° F	W5IYX	07051830 KIDK	3 ID			
07231715 WCYB	5 VA	> LA 721 T OGLETHO	08021701 WKML	NC Lumberton 95.7 ° F	W5IYX	07072130 W7 DM51				
07231730 WVLN	4 LA	729 T K1MOD/9	08021711 WKRR	EC Asheboro 92.3 ° F	W5IYX	07081700 W7WBKR				
07231759 WSJK	2 TH	> LA 665 T OGLETHO	08021715 WDCG	EC Durham 105.1 ° F	W5IYX	07081700 W7 OR, WA				
07232335 WFBT	2 FL	> LA 939 T OGLETHO	08021717 WXRA	EC Eden 94.5 ° F	W5IYX	07141500 W7 AZ				
07240000-W4 GA, FL -0400	> CM87		08021720 WTDR	EC Hickory 95.7 ° F	W5IYX	07162000 KTWO	2 WY		823 T K1MOD/9	
07240100 W4 GA			08021721 WPEQ	EC Statesville 96.9 ° F	W5IYX	07191800 W7GZ, W6SKC/7, W7s				
07240110 WESH			08021722 WAVE	3 KY local nx 620 T KRUSKA		07201600 KTVO	2 MT A2 > LA		1215 T OGLETHO	
07251635 WFMY	2 NC	> LA 833 T OGLETHO	08021728 WXLK	VA Roanoke 92.3 ° F	W5IYX	07201500 W7WAF	W7s MT, ID		B K6QXY	
07251640 WURD	2 NC	> LA 1031 T OGLETHO	08021729 WSJK	2 TH Sneedville 92.3 ° F	W5IYX	07201610 KHMT	4 MT FOX 4		1184 T OGLETHO	
07251655 WUWC	4 NC	> LA 875 T OGLETHO	08041534 W4 GA	> CM85 B W7DB		07201728 KSL	4 UT > LA		1160 T OGLETHO	
07251810 WSJK	2 TH	> LA 665 T OGLETHO	08041600+W4 AL	-1800 > CM92 H W7TDE		07201728 KUTV	2 UT > LA		1160 T OGLETHO	
07260045 WFBT	2 FL	> LA 939 T OGLETHO	08041822 WB4WXE	EN74 > CM85 H W7DB		07201823 W7/WB6HOA	WY/DB43		50.125 S KK7AY	
07260600 W4 FL			08061510 W4	VA > DM59 H WOTMK		07201825 K7ESB	ID/DB33		50.135 S KK7AY	
07261139 WEDU	3 FL	Tampa	08021727 WAVE	3 KY local nx 620 T KRUSKA		07201836 W7/K9LNP	UT/DB40		50.125 H KK7AY	
07261400 WDIQ	2 AL	Dozier > DL95 T GARCIA	08021728 WXLK	VA Roanoke 92.3 ° F	W5IYX	07211615 KUTV	2 UT		1160 T OGLETHO	
07261445 WFMW	4 FL	> LA 939 T OGLETHO	08021729 WSJK	2 TH Sneedville 92.3 ° F	W5IYX	07220309 KNAZ	2 AZ > LA		1045 T OGLETHO	
07261445 WFBT	2 FL	> LA 939 T OGLETHO	08041534 W4 GA	> CM85 B W7DB		07220515 KNAZ	2 AZ > LA		1045 T OGLETHO	
07261446 WFCB			08041600+W4 AL	-1800 > CM92 H W7TDE		072620130 K7EWS	2 AZ > DM59		1160 T OGLETHO	
07261446 WNUU			08041822 WB4WXE	EN74 > CM85 H W7DB		072620250 W7WON	W7EN 56		W WOTMK	
07261447 WCKH			08061500 W5	(SPOTTY)		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261456 WJME			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261458 WFBG			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261500 WRCB	6 AL	Birmingham >DL95 T GARCIA	07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261501 WNCU			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261503 WCMQ			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261505 WDXJ			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261511 WLVE			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261511 WPOW			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261516 WDRR			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261517 WNWJ			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261517 WSTA			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261518 WRMF			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261533 WIRK			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261535 WCKT			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261536 WKEY			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261538 WQHT			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261539 WSEI			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261540 WSEA			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261541 WGNE			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261541 WJBX			07022124 KMID	2 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261545 WCTV	6 GA	Thomaston T GARCIA	07240000+W5 TX, LA -0400	> CM87		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261545 WNMW			07240000+W5 TX, LA, MS, TX, OK, LA, MS	> CM87		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261546 WBGG			07260237 K5OAO 145KEL92>CM88	50.125 S VE7SKA		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261548 WXXB			07260252 W5QEP	54 RM30 > CM85		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261551 WMSR			07262034 W5W6	150° EL09>CM88 50.160 S VE7SKA		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261551 WOOG			07262036 W5HK	150° EL09>CM88 50.160 S VE7SKA		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261553 WIEK			07262036 W5	RM00 > CM85		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261554 WBGF			07262036 W5W5	57 EL09 > CM85		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261557 WJCL			07262040+W5 TX, LA, MS, TX, OK	> EL83 W CO2OJ		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261600 WAKS			07262146+W5 TX	W5 WOTMK		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261601 WTKS			07272180 KIII	3 TX		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261602 WGYL			07292148 K5C0AO	EM75 > DM59 50.173 S WOTMK		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261602 WKGK			08010354 K5CM	55 EM25>EM44 144.210 S W9ISH		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261606 OSV			08010354 W5	> EM97 H KOGJK		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261607 WBYZ			08012230+W5 TX, AR	> EM97 H KBTSEJ		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261608 SGJ			08020232 K5BOAI	EM22 > DM59 50.130 S WOTMK		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261611 WSTO			080401433 K5QQ	DM65 > CM85 & 150.0 S W7DB		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261614 WRCJ			08161245 W5	DN61 > EM49 KOPF		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261628 WCGQ			08270300 W5JHVB	BS FROM NE > DN70MQ W KOGU		07240254 W7C1	57 DM41 > DM59		W WOTMK	
07261629 WECT	6 NC	Wilmington>DL95 T GARCIA				07271805 WMMT	3 MI Kalamazoo			
07261631 WHLG			07261632 W5	W5AIXY		07271805 WMMT	3 MI Kalamazoo			
07261632 WOOL			FL De Land 105.9 ° F	W5AIXY		08012259 WDTW	5 NVW > LA		904 T OGLETHO	
07261636 WMTX			FL Cape Coral 103.9 ° F	W5AIXY		08012217 W7PQE	5 NVW > LA		735 T OGLETHO	
07261636 WYUJ			FL Naples 94.5 ° F	W5AIXY		08122110 W7PQE	5 NVW > LA		735 T OGLETHO	
07261636 WWRM			FL Ocala 93.7 ° F	W5AIXY		08122131 W7PQE	5 NVW > LA		735 T OGLETHO	
07261647 WFLZ			FL Fort Myers 96.9 ° F	W5AIXY		08061813 KYKS	5 NVW > LA		735 T OGLETHO	
07261654 WJCL			FL Belle Glade 93.5 ° F	W5AIXY		08061851 KAML	5 NVW > LA		735 T OGLETHO	
07261657 WAKS			GA Savannah 96.5 ° F	W5AIXY		08061854 KUBL	5 NVW > LA			

08041725 WERK MI Hancock 93.5 F W5IYX
08070057 WDTN 2 OH Dayton T W5IYX

United States, W9

07051500 W9 WI K6QXY
07231527 W9JMS EM69 > DM59 50.173 W W0MTRK
07231735 W7TV 4 IN > LA NEW 619 T OGLETHO
07231858 WBBM 2 IL > LA 737 T OGLETHO
07240225 W8AY 2 WI > LA 892 T OGLETHO
07261400-W9 IN > EL83 W CO2OJ
08020215 K9FYI EM49 > DM59 W W0MTRK
08041707 W8AY 2 WI Green Bay T W5IYX
08041715 WJJQ WI Tomahawk 92.5 F W5IYX
08041717 W7TRV WI Lacrosse 95.7 F W5IYX
08041721 WMOA WI Minocqua 95.9 F W5IYX
08041721 WMOA WI Spencer 92.3 F W5IYX
08041727 WRJO WI Eagle River 94.5 F W5IYX
08041728 WCPW WI Chippewa F105.7 F W5IYX
08041728 WMIK WI Merrill 104.1 F W5IYX
08041734 WIXX- WI New Richmond 107.1 F W5IYX
08052236 W9 > DM59 W W0MTRK
08102145 W9PE > FM13 B K2SP0
08110142 W9Y9W EM51 > DM59 50.145 W W0MTRK
08110215 KB5LVD EM59 50.125 W W0MTRK
08110226 K9MGV > DM59 B W0MTRK
08130136 K9AB IL > DM59 B W0MTRK

United States, W0

06072139 K5MC 2 KS >CA T PIZZI
06132310 K1ME 3 NE >CA T PIZZI
06132310 K5MB 4 NE >CA T PIZZI
06180335 K5HME 2 CO >CA T PIZZI
06251535 KWSET 4 ND >CA PBS T PIZZI
06251535 KXMAT 2 ND >CA Pasco Robles T PIZZI
06251535 KXGNT 4 ND >CA PBS T PIZZI
07012145 WOIJR 59 CO/DM79 50.063 B K7KAY
07012150 HOLL 81 KS/DM09 50.076 B K7KAY
07012200 K5KWF 3 KS 1179 T K7KAY
07012200 K5KWF 3 KS 1179 T K7KAY
07012200 K7KVS 3 CO 1014 T K7KAY
07012200 K7KVS 3 CO 1014 T K7KAY
07012208 W9MTC CO/DM79 50.125 B K7KAY
07012218 K5GU CO/DM70 50.135 B K7KAY
07012218 K5KMA 2 ND >CA Pasco Robles T PIZZI
07030100 WO CO K5QXY
07051500 WO SD K5QXY
07051827 HOLL KS/DM09 50.076 B K7KAY
07051827 W0MTRK CO/DM59 50.065 B K7KAY
07051829 K5KWF 3 KS 1179 T K7KAY
07051829 K5KWF 3 KS 1179 T K7KAY
07081700 WOIJR, W9S B K5QXY
07100100 WOIJR, W9S CO, KS K5QXY
07141500 WO CO, KS B K5QXY
07180240 HOLL W9S NE K5QXY
07201600 WO KS K5QXY
07201700 KGPE 2 ND > LA PPTV 1086 T OGLETHO
07201748 KDUH 4 NE 1133 T K7KAY
07201748 KDUH 4 NE 1133 T K7KAY
07201826 KOTA 3 SD 989 T K7KAY
07201826 KOTA 3 SD 989 T K7KAY
07211602 K5HME 2 CO > LA 806 T OGLETHO
07231647 K0FZ EM49 > DM59 50.140 W W0MTRK
07240100 W9BORMO, HOLL, WOIJR, W0MTRK B K5QXY
07240400-WO CO, KS > CB87 W9BAJZ/6
07260130 W0MTRK, WOIJR > CB85 B K7DB
07260142 WOIJR 130° DM79-CH88 50.065 B VE7SKA
07260142 W0MTRK 120° DM59-CH88 50.065 B VE7SKA
07260146-WO CO, KS DM59, DM78, DM79, DM59 B VE7SKA
07260257 HOLL 419 529 #0326 > CB85 B K7DB
07260326 WOIJR 579, W0MTRK 529 > CB85 B K7DB
07261538 K5BOYH DM79 W W7DHC
07261731 HOLL 130° EM909-CH88 50.077 B VE7SKA
07261805 WOIJR 130° DM79 50.065 B VE7SKA
07291558 KGPE 2 ND > LA 1086 T OGLETHO
07292015 K5KMA 2 ND > LA 1110 T OGLETHO
07292145 KDUH 4 NE > LA KOTA 852 T OGLETHO
07292232 K0ETC EM27 > DM59 50.170 W W0MTRK
08010355 W9ZRP 54 EM27>EM44 144.210 W W9ISH
08010357 W9IGE 57 EM26>EM44 144.210 W W9ISH
08010359 W9MST 59 EM27>EM44 144.210 W W9ISH
08202156 KG5UW EM59 > CB45 W W0MTRK
08040230 W9BULW EB04 > CB85 B K7DB
08040246 WO CO DB94 > CB85 B K7DB
08041430 WO CO K5QXY
08041441 HOLL > CB85 & # 1534 B K7DB
08041508 W0MTRK WEAK > CB85 B K7DB
08041543 W9BORMO > CB85 B K7DB
08041550 W9YGM 59 DM78 > CB85 B K7DB
08041746 K5KWF MM Cold Spring 94.9 F W5IYX
08041748 K5MY MM Grand Rap 96.9 F W5IYX
08041750 K5KWF MM Wadens 105.9 F W5IYX
08041751 W7BTK MM Hibbing 93.9 F W5IYX
08041753 KRCQ MM Detroit La10.3 F W5IYX
08041806 K5KWF MM Warroad 92.5 F W5IYX
08041823 K5KWF MM Alexandria 92.3 F W5IYX
08041950 K5GUV MM PARK RAPIDES 50.008 B W5IYX
08042036 W9AMM EM29 > DM59 50.173 W W0MTRK
08042058 K0ETC EM27 > DM59 W W0MTRK
08050317 WOOSP ND > FB65 W VE9AA
08051430 W0MTRK > EM74 B K7DB
08061624 KOTA 3 SD Rapid City T W5IYX
08061643 K5VOD CO Greeley 92.5 F W5IYX
08061718 K5AM 2 IA Cedar Rapids T W5IYX
08061724 K5KWF CO Craig 93.7 F W5IYX
08061730 K5KWF CO Grand Junc 92.3 F W5IYX
08070238 K5VOD CO Greeley 92.5 F W5IYX
08071530 W9S CO, KS, NE K5QXY
08071530 W9BORMO, HOLL, W0MTRK B K5QXY
08110120 K5HME 2 CO > IL T SHULTS
08111450 K0ETC EM27 > DM59 50.155 W W0MTRK
08111452 K5CBA EM48 > DM59 50.155 W W0MTRK
08122003 W9IPL DM76 > CB74 50.135 W W87QBS/8
08122200 WO ST LOUIS K5RAX
08131452 KAOPAF EM48 > DM59 50.140 W W0MTRK
08211509 W0MTRK 150° DM59 50.065 B VE7SKA
08211512 KAOBAD 150° DM57 50.125 S VE7SKA

Reports of Oceania

AUSTRALIA GEN.

08010140-VK TV CH 0 46.17/51.67 V EL3TY
08162100 VK WIE TV 40° 0056 46.172 VK3SIX

AUSTRALIA-VK1

08012130 VK1RX TR 800 km 50.125 C VK3SIX

AUSTRALIA-VK2

08010140 VK2YO 52/51 W EL3TY

AUSTRALIA-VK3

08012130 VK3MAP TR 500 km 50.125 C VK3SIX

AUSTRALIA-VK4

08010140-VK4RGG B EL3TY

HAWAIIAN IS.

06300725 K5HME 2 HI -1145 CD 55.26 V SK1AA

06300725-K5HME 3 HI Wailuku 61.25 V SK1AA

06300725-K5HME 2 HI HILO 55.25 V SK1AA

06300725-K5HME 4 HI VY WEAK 67.24 V SK1AA

07011030 K5HME 2 HI -1200 CD 55.26 V SK1AA

07011437 K5HME 2 HI -1607 55.26 V SK1AA

07020925 K5HME 2 HI -1245 CD 55.26 V SK1AA

07030505 K5HME 2 HI -1240 CD 55.26 V SK1AA

07031438 K5HME 2 HI -1638 55.26 V SK1AA

07040725 K5HME 2 HI -1145 CD 55.26 V SK1AA

07041505 K5HME 2 HI -1355 55.26 V SK1AA

07050715 K5HME 2 HI -1142 CD 55.26 V SK1AA

07050715-K5HME 5 HI 77.25 V SK1AA

07050715-K5HME USUAL KH6 OFFSETS 2-5 V SK1AA

07050715-K5HME HI WEAK 67.24 V SK1AA

07061035 K5HME 2 HI -1215 VY WEAK 55.26 V SK1AA

07070935 K5HME 2 HI -1215 CD 55.26 V SK1AA

07071433 K5HME 2 HI -1633 55.26 V SK1AA

07071800 K5HME -0100 144,432,1296 trb K5QXY

07081045 K5HME 2 HI -1235 WEAK CD V SK1AA

07081440 K5HME 2 HI -1630 55.26 V SK1AA

07081600 K5HME -1800 144,432,1296 trb K5QXY

07091145 K5HME 2 HI -1215 VY WEAK 55.26 V SK1AA

07091930 K5HME 2 HI -1150 STRONG 55.26 V SK1AA

07100625 K5HME 2 HI -1350 55.26 V SK1AA

07100625-K5HME USUAL KH6 OFFSETS 2-5 V SK1AA

07100625-K5HME HI WEAK 67.24 V SK1AA

07110632 K5HME 2 HI -1102 STRONG 55.26 V SK1AA

07110632-K5HME USUAL KH6 OFFSETS 2-4 V SK1AA

07121130 K5HME 2 HI -1210 CD 55.26 V SK1AA

07121500-K5HME 2 HI -1630 55.26 V SK1AA

07140745 K5HME USUAL KH6 OFFSETS 2-4 V SK1AA

07140745 K5HME 2 HI -1140 CD 55.26 V SK1AA

07140745-K5HME HI WEAK 67.24 V SK1AA

07170000 K5HME -0300 tr 144, 432 B K5QXY

07180800 K5HME 2 HI -0915 55.26 V SK1AA

07191500 K5HME 2 HI -1503 55.26 V SK1AA

07202115 K5HME 2 HI -1245 CD 55.26 V SK1AA

07230700 K5HME 2 HI -1215 CD 55.26 V SK1AA

07230700-K5HME USUAL KH6 OFFSETS 2-5 V SK1AA

07240800 K5HME 2 HI -1020 55.26 V SK1AA

07240800-K5HME USUAL KH6 OFFSETS 2-5 V SK1AA

07251005 K5HME 2 HI -1135 55.26 V SK1AA

07270830 K5HME 2 HI -1244 BOMOLULU 55.26 V SK1AA

07270830-K5HME 3 HI WAILUKU 61.25 V SK1AA

07270830-K5HME 2 HI HILO 55.25 V SK1AA

07270830-K5HME 4 HI HONOLULU 67.24 V SK1AA

07271420 K5HME 2 HI -1520 55.26 V SK1AA

07280715 K5HME 2 HI -1135 55.26 V SK1AA

07290907 K5HME 2 HI -1047 55.26 V SK1AA

07290907-K5HME HI WEAK R 55.26 V SK1AA

07300620-K5HME 2 HI -1010 55.26 V SK1AA

07300620-K5HME 5 HI HONOLULU 77.25 V SK1AA

07300620-K5HME 3 HI WAILUKU 61.25 V SK1AA

07300620-K5HME HI WEAK B 55.26 V SK1AA

07300620-K5HME 2 HI HILO 55.25 V SK1AA

07300620-K5HME 4 HI HONOLULU 67.24 V SK1AA

07312145 K5HME 569 BK2D>DM12 144.17 B M6XQ

07330620-K5HME 2 HI -1244 144.17 B M6XQ

08020400-K5HME 2 HI -1432 0700X CH3 B SK1AA

08040720 K5HME B K6FV

08040720 K5HME 2 HI & CH2-5 -1150 V SK1AA

08060630 K5HME 539 TR>DM12 144.170 B M6XQ

08080705 K5HME 2 HI -1145 (CD) 55.26 V SK1AA

0808080630 K5HME 2 HI -1200 CD 55.26 V SK1AA

08080630-K5HME HI & CH2-5 B SK1AA

08090215 K5HME 57 > DM05 TR 144.17 B M6PYI

08090300 K5HME tr 144,432,1296weak B K5QXY

08090400 K5HME HI 569 TR 144.17 B K5J6K

08090406 K5HME HI 349 TR 432.077 B K6FV

08090655 K5HME 2 HI -1135 55.26 V SK1AA

08090655-K5HME HI & CH2-4 B K6FV

08090431 K5HME tr 144,432weak B K6QXY

08091645 K5HME HI 349 TR 432.077 B K6FV

08100620 K5HME 2 HI -1135 55.26 V SK1AA

08100620-K5HME HI & CH2-5 B SK1AA

08111025 K5HME 2 HI -1125 CD 55.26 V SK1AA

08120710 K5HME 2 HI -1140 55.26 V SK1AA

08120710-K5HME HI & CH2-5 B SK1AA

08140635-K5HME 2 HI -1105 55.26 V SK1AA

08140635-K5HME HI & CH2-5 B SK1AA

08150717 K5HME 2 HI -1017 55.26 V SK1AA

08170635-K5HME HI & CH2-5 B SK1AA

08170635-K5HME 2 HI -1223 CD 55.26 V SK1AA

08170635-K5HME V SK1AA

08170735 K5HME HI & CH2 K5HBC B SK1AA

08171442 K5HME 2 HI -1600 55.26 V SK1AA

08180832 K5HME 2 HI -1036 CD 55.26 V SK1AA

08180832-K5HME HI & CH2-5 B SK1AA

08190940 K5HME 2 HI -1040 VY WEAK V SK1AA

08190940-K5HME 2 HI HILO & 4 HOMO V SK1AA

08200640 K5HME 2 HI -1140 CD 55.26 V SK1AA

08200640-K5HME HI & CH2-5 B SK1AA

08210830 K5HME 2 HI -1130 55.26 V SK1AA

08210830-K5HME HI & CH2-5 B SK1AA

08220848 K5HME 2 HI -1153 55.26 V SK1AA

08220724 K5HME 2 HI -1154 55.26 V SK1AA

08220724-K5HME HI & CH2-5 B SK1AA

08250740 K5HME 2 HI -1115 CD 55.26 V SK1AA

08250740-K5HME HI & CH2-5 B SK1AA

08260737 K5HME 2 HI -1140 CD 55.26 V SK1AA

08260737-K5HME 4 HI & KFVE-5 STRONG V SK1AA

08260737-K5HME 5 HI & CH2-5 B SK1AA